

Recombinant Mouse CD96 protein (His tag) ab215636

描述	
产品名称	重组小鼠CD96蛋白(His tag)
纯度	> 95 % SDS-PAGE. Lyophilized from a 0.2 µm filtered solution.
内毒素水平	< 1.000 Eu/µg
表达系统	Mammalian
Accession	<u>Q3U0X8</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Mouse
序列	VWEELFNVGDDVYALPGSDINLTCQTKENFLVQMQWSKVTDKNDMIALYHPQYGLYCGQEHACESQVAATETEKGVTNWTLYLRNISSALGKGYECIFTLYPEGIKTTVYNLIVEPYTQDEHNYTIEIETNRTLEIPCFQNTSSEIPPRFTFSWLVEKDGVEEVLFTHHHHVNNSTSFKGRIRLGGDYRLHLSPVQIQDDGRTFSCHLTVNPLKAWKMSTTVKVFAKPEILMTVENSTMDVLGERVFTCLLKNVFPKANITWFIDGRFLQGNEEGIYITNEEKNCSSGFWE LKSVLTRMHSGPSQSNMNTAWCMALSPGPRNKMWNTSSQPITVSFDSVIAPTKHLPTVTGSTLGTQPFSDAGVSPTGYLATPSVTIVDENGLTPDATPQTSNSSMTTKDGNYLEASSGTDAKNSSRAAASSKSGSWPFPFTSPPEWHSLPGTSTGPQEPDSPVSWIPSEVHTSAPLDASLAPHDTIISTTTEFPNVLTТАNGTTKIDH GPITSIIIVNQPSDGMHHHHHH
预测分子量	58 kDa including tags
氨基酸	22 to 536
标签	His tag C-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab215636** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
形式	Lyophilized

制备和贮存

稳定性和存储	Shipped at 4°C. Store at -20°C long term. pH: 7.40 Constituent: 99% PBS
复溶	Reconstitute with ddH ₂ O to a concentration no less than 100 µg/mL. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

常规信息

功能	May be involved in adhesive interactions of activated T and NK cells during the late phase of the immune response. Promotes NK cell-target adhesion by interacting with PVR present on target cells. May function at a time after T and NK cells have penetrated the endothelium using integrins and selectins, when they are actively engaging diseased cells and moving within areas of inflammation.
组织特异性	Expressed on normal T-cell lines and clones, and some transformed T-cells, but no other cultured cell lines tested. It is expressed at very low levels on activated B-cells.
疾病相关	Defects in CD96 are a cause of C syndrome (CSYN) [MIM:211750]; also called Opitz trigonocephaly syndrome. This syndrome is characterized by trigonocephaly and associated anomalies, such as unusual facies, wide alveolar ridges, multiple buccal frenula, limb defects, visceral anomalies, redundant skin, psychomotor retardation and hypotonia. Note=A chromosomal aberration involving CD96 has been found in a patient with C syndrome. Translocation t(3;18)(q13.13;q12.1). CD96 gene was located at the 3q13.13 breakpoint. Precise structural analysis around the breakpoint showed that the gene was disrupted by the translocation in exon 5, probably leading to premature termination or loss of expression of CD96 protein. No gene was detected at the chromosome 18 breakpoint. Defects in CD96 are a cause of C-like syndrome (CLSYN) [MIM:605039]; also called Opitz trigonocephaly-like syndrome. The C-like syndrome seems to be a severe form of the C syndrome. It is controversial whether there is (1) a gradient of spectrum in the C syndrome, from the mild form (C syndrome) to the severe form (C-like syndrome), or (2) genetic heterogeneity among the patients with the C syndrome.
序列相似性	Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 2 Ig-like V-type (immunoglobulin-like) domains.
发展阶段	Expressed at low levels on peripheral T-cells and is strongly up-regulated after activation, peaking 6 to 9 days after the activating stimulus.
细胞定位	Membrane.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors