

Product datasheet

Recombinant Human IL1 Receptor I protein (Fc Chimera)
ab83575

2 图像

概述

产品名称	Recombinant人IL1 Receptor I protein (Fc Chimera)
蛋白长度	Protein fragment

描述

性质	Recombinant
来源	HEK 293 cells

氨基酸序列

Accession	P14778
种属	Human
序列	<p>Theoretical Sequence:</p> <p>LEADKCKEREKIIILVSSANEIDVRPCPLNPNEHKGTTI WYKDDSKTP VSTEQASRIHQHKEKLFVPAKVEDSGHYCVVRNSSYC LRIKISAKF VENEPNLCYNAQAIFKQKLPVAGDGLVCPYMEFFKNEN NELPKLQWY KDCKPLLLDNIHFSGVKDRLIVMNVAEKHRGNYTCHASY TYLGKQYPI TRVIEFITLEENKPTRPVIVSPANETMEVDLGSQIQLIC NVTGQLSDI AYWKWNGSVIDEDPPVLGEDYYSVENPANKRRSTLITVL NISEIESRF YKHPFTCFKNTHGIDAAYIQLIYPVTNRSSNTKVDDKKV EPKSCDKTH TCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCV VDVSHEDPE VKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQ DWLNGKEYK CRVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDEL KNQVSLTCL VKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLY SKLTVDKSR</p>

WQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

氨基酸	18 to 333
额外的序列信息	A DNA sequence encoding the signal peptide and extracellular domain of human IL-1RI (aa 1-333) was fused to the Fc region of human IgG1 (aa 93-330). Protein expressed in modified human 293 cells.

技术指标

Our [Abpromise guarantee](#) covers the use of **ab83575** 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
纯度	> 95 % SDS-PAGE.
形式	Lyophilised

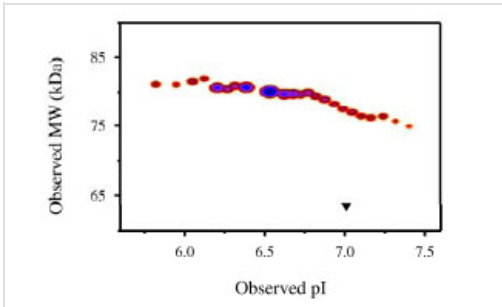
制备和贮存

稳定性和存储	Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles. Preservative: None Constituents: 10% Trehalose, 1% Human serum albumin
复溶	It is recommended that 0.5 ml of sterile phosphate-buffered saline be added to the vial. Following reconstitution short-term storage at 4°C is recommended, and longer-term storage of aliquots at -18 to -20°C. Repeated freeze thawing is not recommended.

常规信息

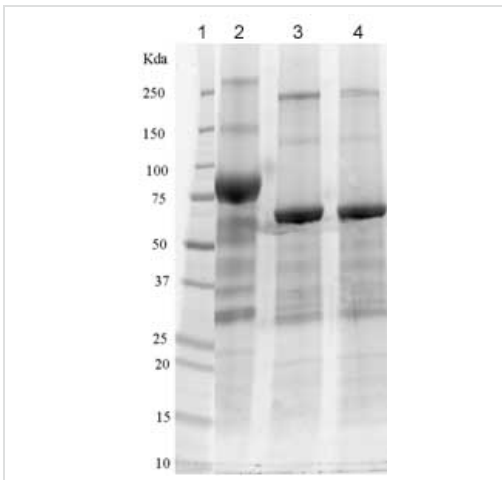
功能	Receptor for interleukin-1 alpha (IL-1A), beta (IL-1B), and interleukin-1 receptor antagonist protein (IL-1RA). Binding to the agonist leads to the activation of NF-kappa-B. Signaling involves formation of a ternary complex containing IL1RAP, TOLLIP, MYD88, and IRAK1 or IRAK2.
序列相似性	Belongs to the interleukin-1 receptor family. Contains 3 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 TIR domain.
细胞定位	Membrane.

图片



Densitometry of protein isoforms visualised by 2-DE. Spot trains are normal in human proteins and highlight the presence of multiple isoforms which differ according to their level of post-translational modification. The triangle indicates the theoretical MW and pI of the protein.

Functional Studies - IL1 Receptor I protein (Fc Chimera) (ab83575)



1D SDS-PAGE of ab83575 before and after treatment with glycosidases to remove oligosaccharides.

Lane 1 – MW markers; Lane 2 – ab83575; Lane 3 – ab83575 treated with PNGase F to remove potential N-linked glycans; Lane 4 – ab83575 treated with a glycosidase cocktail to remove potential N- and O-linked glycans. 10 µg protein loaded per lane.

Drop in MW after treatment with PNGase F indicates presence of N-linked glycans. Additional bands in lane 3 and lane 4 are glycosidase enzymes.

SDS-PAGE - IL1 Receptor I protein (Fc Chimera) (ab83575)

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