

Recombinant Human Ephrin B2 protein ab113609

1 图像

描述	
产品名称	重组人Ephrin B2蛋白
纯度	> 85 % SDS-PAGE. ab113609 was purified to > 85% by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.
表达系统	Escherichia coli
Accession	<u>P52799</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHHSSGLVPRGSHMGSHMIVLEPIYWNSSNSKFLP GQGLVLYP QIGDKLDIICPKVDSKTVGQYEYYKVYMDKDQADRCTIKKE NTPLLNCA KPDQDIKFTIKFQEFSPNLWGLEFQKNKDYYIISTSNGLSLEG LDNQEGGV CQTRAMKILMKVGQDASSAGSTRNKDPTRRPELEAGTNGRSS TTSPFVKP NPGSSTDGNSAGHSGNNILGSEVALFA
预测分子量	25 kDa including tags
氨基酸	28 to 229
标签	His tag N-Terminus

技术指标	
Our Abpromise guarantee covers the use of ab113609 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Mass Spectrometry SDS-PAGE
质谱法	MALDI-TOF
形式	Liquid

制备和贮存

稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.03% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine), 1.17% Sodium chloride

常规信息

功能

Cell surface transmembrane ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. Binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling. Binds to receptor tyrosine kinase including EPHA4, EPHA3 and EPHB4. Together with EPHB4 plays a central role in heart morphogenesis and angiogenesis through regulation of cell adhesion and cell migration. EPHB4-mediated forward signaling controls cellular repulsion and segregation from EFNB2-expressing cells. May play a role in constraining the orientation of longitudinally projecting axons.
(Microbial infection) Acts as a receptor for Hendra virus and Nipah virus.

组织特异性

Lung and kidney.

序列相似性

Belongs to the ephrin family.

Contains 1 ephrin RBD (ephrin receptor-binding) domain.

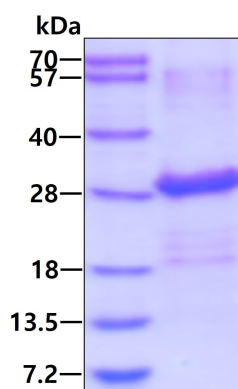
翻译后修饰

Inducible phosphorylation of tyrosine residues in the cytoplasmic domain.

细胞定位

Membrane.

图片



SDS-PAGE analysis of Recombinant Human Ephrin B2 protein (ab113609), under reducing conditions. Proteins visualized by coomassie blue stain.

Lane 1: Molecular Weight Standards

Lane 2: 3 µg Recombinant Human Ephrin B2 protein

SDS-PAGE - Recombinant Human Ephrin B2 protein (ab113609)

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