

Recombinant Human CD134 / OX40L receptor protein (Fc Chimera) ab83676

3 Images

Description	
Product name	Recombinant Human CD134 / OX40L receptor protein (Fc Chimera)
Purity	> 95 % SDS-PAGE.
Expression system	HEK 293 cells
Accession	<u>P43489</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<div>Theoretical sequence: LHCVGDTYPSNDRCCHECRPGNGMVSRCSRSQNTVCRP C GPGFYNDVVSSKPKP CTWCNLRSGSERKQLCTATQDTVCRCRAGTQP LDSYKPGVDCAPCPPGHFSPGDNQ ACKPWTNCTLAGKHTLQPASNSSD AICEDRDPPATQPQETQGPPARPITVQPTEAWP RTSQGPSTRPVGIPK VDKKVEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKD TLMIS RTPE VTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQY NSTYRVVSVLTV LHQ DWLNGKEYKCRVSNKALPAPIEKTISKAKGQPREPQVYTL PPSRD ELTKNQVSLTCLV KGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSF FLYSKLTVDKSRWQQGNVFS VMHEALHNHYTQKSLSLSPGK</div>
Amino acids	1 to 207
Additional sequence information	Fused with the Fc region of Human IgG1 at the C-terminus.

Specifications

Our **Abpromise guarantee** covers the use of **ab83676** in the following tested applications.

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

Applications SDS-PAGE

Form Lyophilized

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Constituents: PBS, 1% Human serum albumin, 10% Trehalose

Reconstitution It is recommended that 0.5 ml of sterile phosphate-buffered saline be added to the vial.

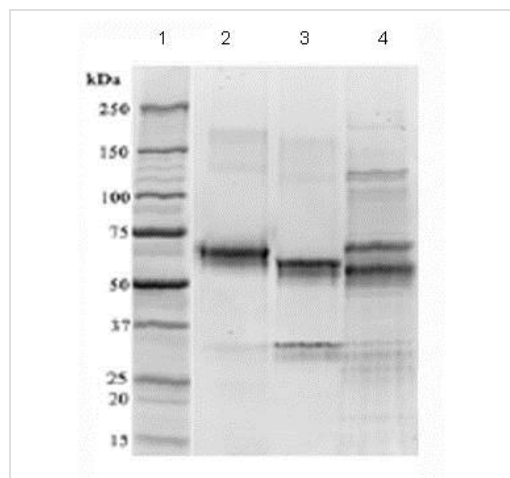
General Info

Function Receptor for TNFSF4/OX40L/GP34.

Sequence similarities Contains 4 TNFR-Cys repeats.

Cellular localization Membrane.

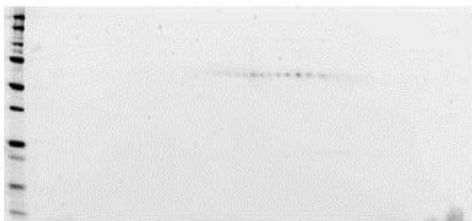
Images



SDS-PAGE - Recombinant Human CD134 / OX40L
receptor protein (Fc Chimera) (ab83676)

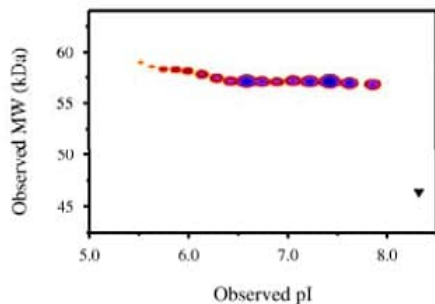
Lane 1 MW markers; Lane 2 ab83676; Lane 3 ab83676 treated with PNGase F to remove potential N-linked glycans; Lane 4 ab83676 treated with a glycosidase cocktail to remove potential N- and O-linked glycans. 10 µg protein loaded per lane; Deep Purple™ stained.

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



SDS-PAGE - Recombinant Human CD134 / OX40L receptor protein (Fc Chimera) (ab83676)

A sample of ab83676 without carrier protein was reduced and alkylated and focused on a 3-10 IPG strip then run on a 4-20% Tris HCl 2D gel. 40 µg protein loaded per lane; Deep Purple™ stained. Spot train indicates presence of multiple isoforms of the Chimera. Spots within the spot train were cut from the gel and identified as the Chimera by protein mass fingerprinting.



Functional Studies - Recombinant Human CD134 / OX40L receptor protein (Fc Chimera) (ab83676)

Post-translational modifications result in protein heterogeneity. The densitometry scan demonstrates the purified ab83676 exists in multiple isoforms, which differ according to their level of post-translational modification. Expression of these isoforms is highly significant for cell biology, as they more closely resemble the native human proteins.

Triangle indicates theoretical pI and MW of the protein.

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