

Product datasheet

Recombinant human CD134 / OX40L receptor protein (Fc Chimera Active) ab221340

1 References 3 Images

Description

Product name	Recombinant human CD134 / OX40L receptor protein (Fc Chimera Active)	
Biological activity	Measured by its binding ability in a functional ELISA Immobilized Recombinant human OX40L/TNFSF4 protein (His tag) (ab221412) at 5 µg/mL (100 µL/well) can bind ab221340 with a linear range of 2-25 ng/mL.	
Purity	> 90 % SDS-PAGE.	
Endotoxin level	< 1.000 Eu/µg	
Expression system	HEK 293 cells	
Accession	P43489	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	LH CVGDTYPSND RCCHECRPGN GMVSRCSRSQ NTVCRPCGPG FYNDVVSSKP CKPCTWCNLR SGSERKQLCT ATQDTVCRRCR AGTQPLDSYK PGVDCAPCPP GHFSPGDNQA CKPWTNCTLA GKHTLQPASN SSDAICEDRD PPATQPQETQ GPPARPITVQ PTEAWPRTSQ GPSTRPVEVP GGRAVAP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLHQDWLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSRDE LTKNQVSLTC LVKGFYPSDIAVEWESNGQP ENNYKTPPV LDSDGSFFLY SKLTVDKSRW QQGNVFSCSV MHEALHNHYT QKSLSLSPGK	
Predicted molecular weight	47 kDa including tags	
Amino acids	29 to 216	
Tags	Fc tag C-Terminus	

Additional sequence information ab221340 has a Human IgG1 Fc tag at the C-terminus.

Specifications

Our **Abpromise guarantee** covers the use of **ab221340** in the following tested applications.

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

Applications Functional Studies

SDS-PAGE

ELISA

Form Lyophilized

Additional notes This product is stable after storage at:
-20°C to -70°C for 12 months in lyophilized state;
-70 °C for 3 months under sterile conditions after reconstitution.

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Please see notes section.

pH: 7.4

Constituents: 0.61% Tris, 0.75% Glycine, 5% Trehalose, 0.87% Sodium chloride, 0.44% L-Arginine

Lyophilized from 0.22 µm filtered solution

This product is an active protein and may elicit a biological response in vivo, handle with caution.

Reconstitution Reconstitute with sterile deionized water to a concentration of 400 µg/ml.

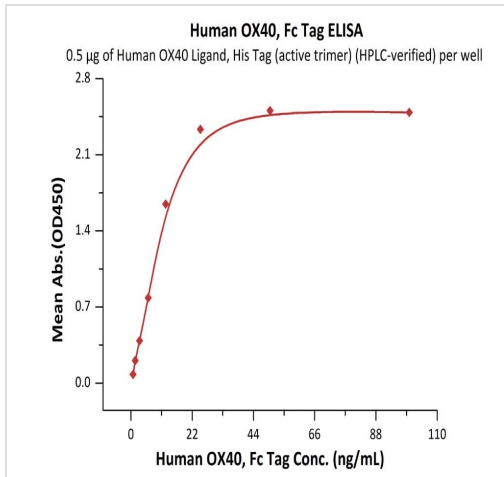
General Info

Function Receptor for TNFSF4/OX40L/GP34.

Sequence similarities Contains 4 TNFR-Cys repeats.

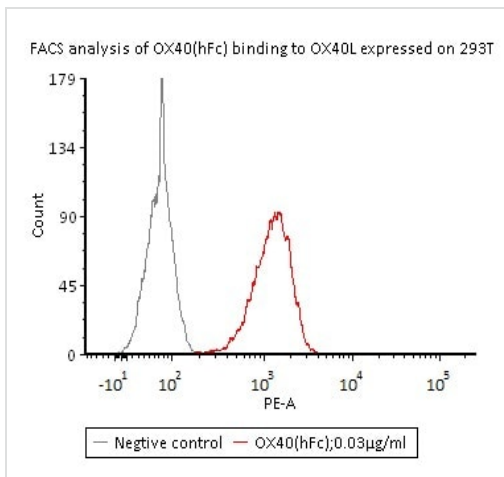
Cellular localization Membrane.

Images



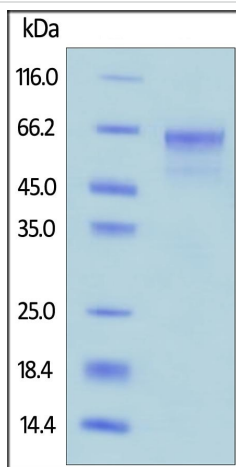
ELISA - Recombinant human CD134 / OX40L
receptor protein (Fc Chimera Active) (ab221340)

Immobilized Recombinant human OX40L/TNFSF4 protein (His tag) ([ab221412](#)) at 5 µg/mL (100 µL/well) can bind ab221340 with a linear range of 2-25 ng/mL.



Functional Studies - Recombinant human CD134 /
OX40L receptor protein (Fc Chimera Active)
(ab221340)

FACS assay shows that recombinant Human OX40, Fc Tag can bind to 293T cell overexpressing human OX40L. The concentration of OX40 used is 0.03 µg/ml.



SDS-PAGE - Recombinant human CD134 / OX40L
receptor protein (Fc Chimera Active) (ab221340)

SDS PAGE analysis of ab221340. The gel was stained overnight with Coomassie Blue. Due to glycosylation, the protein migrates at 65 kDa under reducing conditions.

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

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