

Recombinant human TACI/TNFRSF13B protein

Catalog Number: ATGP3386

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

1-165aa

UniProt No.

O14836

NCBI Accession No.

NP_036584

Alternative Names

TNF receptor superfamily member 13B, Transmembrane activator and CAML interactor, TACI, CD267, IGAD2

PRODUCT SPECIFICATION

Molecular Weight

45.8 kDa (407aa)

Concentration

0.25mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 30% glycerol, 1mM DTT

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

hIgG-His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

TNFRSF13B, also known as tumor necrosis factor receptor superfamily member 13B, is a member of the tumor necrosis factor receptor superfamily. It is a trimeric cytokine receptor that binds tumor necrosis factors (TNF). It cooperates with an adaptor protein which is important in determining the outcome of the response. It has crucial roles in both innate and adaptive immunity and in cellular apoptosis process. Recombinant human TNFRSF13B,

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fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

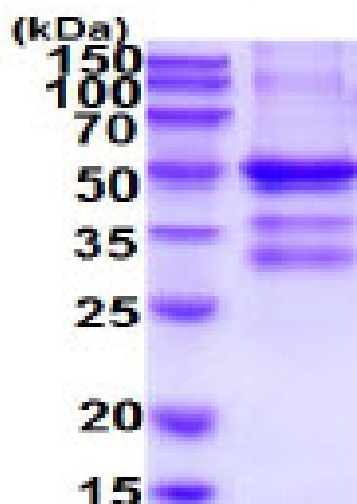
ADLMSGGLGRS RRGGRSRVDQ EERFPQGLWT GVAMRSCPEE QYWDPLLGTG MSCKTICNHQ SQRTCAAFGR
SLSCRKEQ GK FYDHLLRDCI SCASICGQHP KQCA YFCENK LRSPVNL PPE LRRQRSGEVE NNSDNSGRYQ GLEHRGSEAS
PALPGLKLSA DQVALVYSLE PKSCDKTHTC PPCAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN
WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRD
ELTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTPP VLDS DGSFLL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY
TQKSLSLSPG KHHHHHHH

General References

Salzer U., et al. (2005) Nat Genet. 37:820-828.
Mohammadi J., et al. (2009) J Clin Immunol. 29:777-785.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)