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

Amino acid Sequence

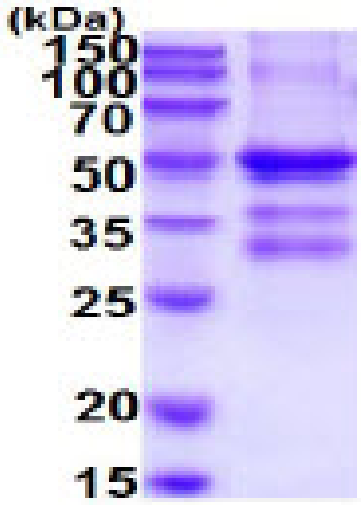
ADLMSGLGRS RRGGRSRVDQ EERFPQGLWT GVAMRSCPEE QYWDPLLGTC MSCKTICNHQ SQRTCAAFCR SLSCRKEQGK FYDHLLRDCI SCASICGQHP KQCAYFCENK LRSPVNLPPE LRRQRSGEVE NNSDNSGRYQ GLEHRGSEAS PALPGLKLSA DQVALVYSLE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRD ELTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTTPP VLDSDGSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKSLSLSPG KHHHHHH

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



15% SDS-PAGE (3ug)

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