

Recombinant human TACI/TNFRSF13B protein

Catalog Number: ATGP1989

PRODUCT INFORMATION

Expression system

E.coli

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

20.9 kDa (188aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M urea

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

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 TACI, is a transmembrane receptor protein found predominantly on the surface of B cells, which are an important part of the immune system. It was originally discovered because of its ability to interact with calcium-modulator and cyclophilin ligand (CAML). It was later found to play a crucial role in humoral immunity by interacting with two members of the TNF family. It controls T cell-independent B cell antibody responses, isotype switching, and B cell homeostasis. Recombinant human TNFRSF13B protein, fused to His-tag at N-terminus, was expressed in E. coli.

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Amino acid Sequence

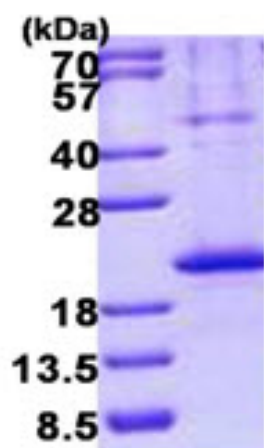
MGSSHHHHHH SSGLVPRGSH MGSM SGLGRS RRGGRSRVDQ EERFPQGLWT GVAMRSCPEE QYWDPLLGTC
MSCKTICNHQ SQRTCAAFCR SLSCRKEQGK FYDHLLRDCI SCASICGQHP KQCAYFCENK LRSPVNLPE LRRQRSGEVE
NNSDNSGRYQ GLEHRGSEAS PALPGLKLSA DQVALVYS

General References

Wu Y. et al. (2000) J Biol Chem. 275:35478-35485.
von Bulow Gu. et al. (1997) Science. 278:138-141.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)