

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 SLSCRKEQ GK FYDHLLRDCI SCASICGQHP KQCAYFCENK LRSPVNLPE LRRQRSGEVE
NNSDNSGRYQ GLEHRGSEAS PALPGLKLSA DQVALVYS

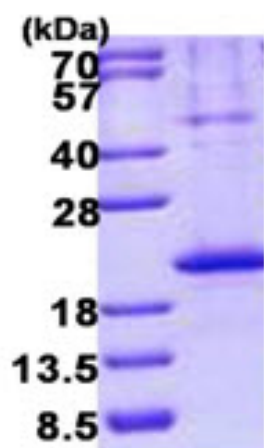
General References

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)