

Recombinant human DR3/TNFRSF25 protein

Catalog Number: ATGP3375

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

25-199aa

UniProt No.

Q93038

NCBI Accession No.

NP_003781

Alternative Names

Tumor necrosis factor receptor superfamily member 25, TNFRSF25, APO-3, DDR3, DR3, LARD, TNFRSF12, TR3, TRAMP, WSL-1, WSL-LRApo 3, Apo-3, Apo3, Apoptosis inducing receptor, Apoptosis inducing receptor AIR, Apoptosis mediating receptor, Apoptosis mediating receptor DR 3, Apoptosis mediating receptor DR3, Apoptosis mediating receptor TRAMP, Apoptosis-inducing receptor AIR, Apoptosis-mediating receptor DR3, Apoptosis-mediating receptor TRAMP, DDR 3, DDR3, Death domain receptor 3, Death receptor 3, Death receptor beta, DR 3, LARD, Lymphocyte associated receptor of death, Lymphocyte-associated receptor of death, Protein WSL, Protein WSL-1, TNFRSF 12, TNFRSF 25, TNFRSF12, TNFRSF25, TNR25_HUMAN, TR 3, TR3, TRAMP, Translocating chain association membrane protein, Tumor necrosis factor receptor superfamily member 12, Tumor necrosis factor receptor superfamily member 25, WSL, WSL 1, WSL LR, WSL protein, WSL1, WSL1 protein, WSLLR

PRODUCT SPECIFICATION

Molecular Weight

46.1kDa (417aa)

Concentration

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

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 95% 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.

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BACKGROUND

Description

TNFRSF25, also known as Tumor necrosis factor receptor superfamily member 25, is a member of the TNF receptor superfamily that binds to the TNF-like protein TL1A. TNFRSF25 signals are required to exert T helper cell 2 effector function in Th2-polarized CD4 cells and co-stimulate interleukin-13 production by glycosphingolipid-activated NKT cells. Its axis is a novel immune pathway that participates in the pathogenesis of a variety of autoimmune rheumatic diseases. These molecules may be promising therapeutic targets for inflammatory arthritis. Recombinant human TNFRSF25, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

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<ADP>QGGTRSP RCDCAGDFHK KIGLFCCRGC PAGHYLKAPC TEPCGNSTCL VCPQDTFLAW ENHHNSECAR  
CQACDEQASQ VALENCSAVA DTRCGCKPGW FVECQVSQCV SSSPFYCQPC LDCGALHRHT RLLCSRRDTD CGTCLPGFYE  
HGDGCVSCTP STLGSCPERC AAVCGWRQ<LE PKSCDKTHTC PPCAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV  
SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP  
QVYTLPPSRD ELTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTPPP VLDSGDSFFL YSKLTVDKSR WQQGNVFSCS  
VMHEALHNHY TQKSLSLSPG KHHHHHH>
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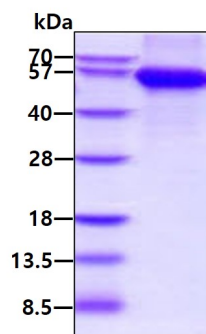
General References

Slebioda TJ., et al. (2011) Eur J Immunol. 41:2606-2611.

Fang L., et al. (2008) J Exp Medl. 205:1037-1048.

DATA

SDS-PAGE



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