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TL-1A, human recombinant protein
TNFSF15, VEGI
Catalog # PBV10849r

Specification

TL-1A, human recombinant protein - Product info

Primary Accession	O95150
Calculated MW	**22.0 kDa KDa**

TL-1A, human recombinant protein - Additional Info

Gene ID	**9966**
Gene Symbol	**TNFSF15**
Other Names	
TNFSF15, VEGI	
Gene Source	**Human**
Source	**E. Coli**
Assay&Purity	**SDS-PAGE; ≥98%**
Assay2&Purity2	**HPLC;**
Recombinant	**Yes**
Sequence	**QLRAQGEASV QFQALKGQEF APSHQQVYAP LRADGDKPRA HLTVVRQTPT QHFKNQFPAL HWEHELGLAF TKNRMNYTNK FLLIPESGDY FIYSQVTFRG MTSECSEIRQ AGRPNKPDSI TVVITKVTDS YPEPTQLLMG TKSVCEVGSN WFQPIYLGAM FSLQEGDKLM VNVSDISLVD YTKEDKTFFG AFLL**

Target/Specificity
TNFSF15

Application Notes
Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Format
Lyophilized powder

Storage
-20°C; Sterile filtered through a 0.2 micron filter. Lyophilized from 10 mM Tris, pH 8.5, and 75 mM Arginine.

TL-1A, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TL-1A, human recombinant protein - Images

TL-1A, human recombinant protein - Background

TL-1A belongs to the TNF superfamily of ligands. It is expressed predominantly in endothelial cells, and to a lesser extent in placenta, lung, kidney, skeletal muscle, pancreas, small intestine and colon. TL-1A inhibits endothelial cell proliferation and angiogenesis, and has been shown to induce NFkB activation, caspase activity, and apoptosis in responding cell lines. TL-1A interacts with TNFRSF25/DR3 receptor, but can also bind to a decoy receptor TNFRSF21/DR6. Recombinant human TL-1A is a 22.0 kDa polypeptide of 194 amino acid residues.

TL-1A, human recombinant protein - References

Zhai Y.,et al.FASEB J. 13:181-189(1999).
Chew L.-J.,et al.FASEB J. 16:742-744(2002).
Migone T.-S.,et al.Immunity 16:479-492(2002).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Humphray S.J.,et al.Nature 429:369-374(2004).