

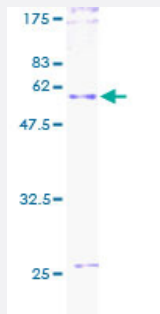
Full-Length

TNFRSF7 (Human) Recombinant Protein (P01)

Catalog # H00000939-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TNFRSF7 full-length ORF (AAH12160, 1 a.a. - 260 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MARPHPWWLCVLGTLVGLSATPAPKSCPERHYWAQGKLCCQMCEPGTFLVKDCDQHRKAAQ
CDPCIPGVSFSPDHHTRPHCESCRHCNSGLLVNRCTITANAECACRNGWQCRDKECTECDPLP
NPSLTARSSQALSPHPQPTHLPYVSEMLEARTAGHMQTLADFRQLPARTLSTHWPPQRS LCSSD
FIRLVIFSGMFLVFTLAGALFLHQRKYSNKGESPVPAEPCRYSCPREEEGSTIPIQEDYRKPE
PACSP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

54.34

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CD27

Entrez GeneID	939
GeneBank Accession#	BC012160
Protein Accession#	AAH12160
Gene Name	CD27
Gene Alias	MGC20393, S152, T14, TNFRSF7, Tp55
Gene Description	CD27 molecule
Omim ID	186711
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor. [provided by RefSeq]
Other Designations	CD27 antigen CD27L receptor T cell activation antigen CD27 T cell activation antigen S152 tumor necrosis factor receptor superfamily, member 7

Publication Reference

- [Expression of CD70 in nasal natural killer/T cell lymphoma cell lines and patients; its role for cell proliferation through binding to soluble CD27.](#)

Yoshino K, Kishibe K, Nagato T, Ueda S, Komabayashi Y, Takahara M, Harabuchi Y.

British Journal of Haematology 2013 Feb; 160(3):331.

Application: Treated, Recombinant protein

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)
- [Bronchial Hyperreactivity](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Kidney Failure](#)
- [Multiple Myeloma](#)
- [Occupational Diseases](#)