

TNFRSF9 (Human) Recombinant Protein

Catalog # P9216

Size 20 ug

Specification

Product Description	Human TNFRSF9 partial recombinant protein with His tag in N-terminus expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMFERTRSLQDPCSNCPAGTFCDNNRNQICSPCPPNSFSS AGGQRTCDICRQCKGVFRTRKECSSTSNAECDCTPGFHCLGAGCSMCEQDCKQGQELTKKGC KDCCFGTFNDQKRGICRPWTNCSLDGKSVLVNGTKERDVVCGPSPADLSPGASSVTPPAPARE PGHSPQ
Host	Escherichia coli
Theoretical MW (kDa)	20
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	chromatographic
Purity	> 95% as determined by (a) RP-HPLC.(b) SDS-PAGE.
Storage Buffer	Solution (0.5 mg/mL) containing 20 mM Tris-HCl, pH 8.0, 10% glycerol, 0.1 M NaCl, 1 mM DTT.
Storage Instruction	Store at 4°C for 2-4 weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — TNFRSF9

Entrez GeneID

[3604](#)

Protein Accession#	Q07011
Gene Name	TNFRSF9
Gene Alias	4-1BB, CD137, CDw137, ILA, MGC2172
Gene Description	tumor necrosis factor receptor superfamily, member 9
Omim ID	602250
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion, survival, and development of T cells. It can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of this receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of NF-kappaB. [provided by RefSeq]
Other Designations	4-1BB ligand receptor CD137 antigen OTTHUMP00000001360 OTTHUMP00000044294 T cell antigen ILA homolog of mouse 4-1BB induced by lymphocyte activation (ILA) interleukin-activated receptor, homolog of mouse Ly63 receptor protein 4-1BB

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)

- [Occupational Diseases](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)