

Product information

TNFRSF9, 18-186aa

Human, hlgG-His-tagged, Recombinant, Insect cell

Cat. No. IBATGP3303

NCBI Accession No.: NP_001552

Synonyms: TNFRSF9, Ly63, 4-1BB, ILA, CD137, CDw137

Description: TNFRSF9, also known as tumor necrosis factor receptor superfamily member 9, 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. Recombinant human TNFRSF9, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

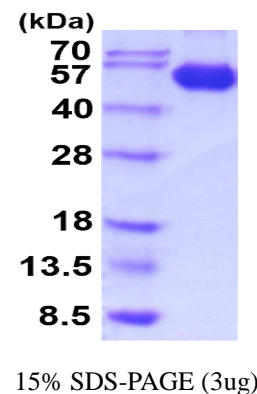
Molecular Weight: 45.3kDa (411aa)
40-57kDa (SDS-PAGE under reducing conditions.)

Predicted N terminal: Ala

Purity: > 90% by SDS – PAGE.

Concentration: 0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level: < 1.0 EU per 1µg of protein (determined by LAL method)



Sequences of amino acids:

ADLFERTRSL QDPCSNCPAG TFCDDNRRNQI CSPCPPNSFS SAGGQRTCDI CRQCKGVFRT RKECSSTSNA ECDCTPGFHC LGAGCSMCEQ
DCKQGQELTK KGCKDCCFGT FNDQKRGICR PWTNCSLDGK SVLVNGTKER DVVCGPSPAD LSPGASSVTP PAPAREPGHS PQLEPKSCDK
THTCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD
WLNQKEYKCK VSNKALPAPI EKTISKAKGQ PREPQVYTLF PSRDELTKNQ VSLTCLVKGF YPSDI AVEWE SNGQPENNYK TTPPVLDSDG
SFFLYSKLTV DKSRWQQGNV FSCSVMEAL HNHYTQKSL S LSPGKHHHHH H

General references:

Litjens NH., *et al.* (2013) *Clin. Exp. Immunol.* 174:179-191.

Lee SJ., *et al.* (2013) *Eur. J. Immunol.* 43:1839-1848.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.