

Recombinant Human TNFRSF1B Protein, His-tagged

Cat. No. TNFRSF1B-458H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant human TNFRSF1B protein with His tag was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | 461 |
| Description | <p>The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways.</p> |
| Form | Lyophilized |
| Molecular Mass | 26 kDa |
| AA Sequence | <p>MAPVAVWAALAVGLELWAAHALPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCS KCSPGQHAKVFCTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSDDQVETQA CTREQNRICRPGWYCALSKQEGCRLCAPLRKCRPGFGVARPGTETSDVVCKPC APGTFSTTSSTDICRPHQICNVVAIPGNASMDAVCTSTSPTRSMAPGAVHLPQPVS</p> |

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TRSQHTQPTPEPSTAPSTSFLPMGPPAEGSTGDFALPVGLIVGVTALGLLIIGVV
NCVIMTQVKKKPLCLQREAKVPHLPADKARGTQGPEQQHLLITAPSSSSSSLESSAS
ALDRRAPTRNQPQAPGVEASGAGEARASTGSSDSSPGGHGTQVNVTCIVNVCSSS
DHSSQCSSQASSTMGDTDSSPSESPKDEQVPFSSKEECAFRSQLETPETLLGSTEEK
PLPLGVDPDAGMKPS

Purity > 98%

Applications WB; ELISA; FACS; FC

Stability This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

Storage At -20 centigrade.

Concentration 1 mg/mL

Storage Buffer PBS (pH 7.4-7.5). Sterile-filtered colorless solution.

Reconstitution Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name TNFRSF1B tumor necrosis factor receptor superfamily, member 1B [Homo sapiens (human)]

Official Symbol TNFRSF1B

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Synonyms

TNFRSF1B; tumor necrosis factor receptor superfamily, member 1B; TNFR2; tumor necrosis factor receptor superfamily member 1B; CD120b; p75; TNF R II; TNF R75; TNFBR; TNFR80; TNF-R2; TNF-RII; p75 TNF receptor; p80 TNF-alpha receptor; soluble TNFR1B variant 1; tumor necrosis factor receptor 2; tumor necrosis factor beta receptor; tumor necrosis factor receptor type II; tumor necrosis factor binding protein 2; TBPII; TNFR1B; TNF-R75; p75TNFR; TNF-R-II;

Gene ID

7133

mRNA Refseq

NM_001066

Protein Refseq

NP_001057

MIM

191191

UniProt ID

P20333

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