

## Recombinant Human TNFRSF10A Protein, His-tagged

Cat. No. TNFRSF10A-460H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant human TNFRSF10A protein with His tag was expressed in HEK293.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | HEK293  |
| <b>ProteinLength</b>    | 468   |
| <b>Description</b>      | The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL), and thus transduces cell death signal and induces cell apoptosis. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein.               |
| <b>Form</b>             | Lyophilized   |
| <b>Molecular Mass</b>   | 24 kDa  |
| <b>AA Sequence</b>      | MAPPPARVHLGAFLAVTPNPGSAASGTEAAAATPSKVWGSSAGRIEPRGGGRGAL<br>PTSMGQHGPSARARAGRAPGPRPAREASPRLRVHKTFKFVVVGVLLQVVPSSAATI<br>KLHDQSIGTQQWEHSPLGELCPPGSHRSEHPGACNRCTEGVGYTNASNNLFACLP<br>CTACKSDEEERSPCTTTRNTACQCKPGTFRNDNSAEMCRKCSRGCPRGMVKVKD<br>CTPWSDIECVHKESGNHNIWVILVVTLVVPLLLVAVLIVCCCIGSGCGGDPKCMDR<br>VCFWRLGLLRGPAGAEDNAHNEILSNADSLSTFVSEQQMESQEPADLTGVTVQSPGE<br>AQCLLPAAEAEGSQRRRLLVPANGADPTETLMLFFDKFANIVPFDSWDQLMRQLDL |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |   |
|-------------------------|---|
|                         | TKNEIDVVRAGTAGPGDALYAMLKVVNKTGRNASIHTLLDALERMEERHAREKIQ<br>DLLVDSGKFIYLEDGTGSAVSLE  |
| <b>Purity</b>           | > 98%   |
| <b>Applications</b>     | WB; ELISA; FACS; FC   |
| <b>Stability</b>        | 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.  |
| <b>Storage</b>          | At -20 centigrade.  |
| <b>Concentration</b>    | 1 mg/mL   |
| <b>Storage Buffer</b>   | PBS (pH 7.4-7.5). Sterile-filtered colorless solution.  |
| <b>Reconstitution</b>   | 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. |
| <b>GENE INFORMATION</b> |   |
| <b>Gene Name</b>        | TNFRSF10A tumor necrosis factor receptor superfamily, member 10a [ Homo sapiens (human) ]   |
| <b>Official Symbol</b>  | TNFRSF10A   |
| <b>Synonyms</b>         | TNFRSF10A; tumor necrosis factor receptor superfamily, member 10a; tumor necrosis factor receptor superfamily member 10A; Apo2; CD261; DR4; TRAILR 1;   |

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TRAIL-R1; TRAIL receptor 1; death receptor 4; cytotoxic TRAIL receptor; TNF-related apoptosis-inducing ligand receptor 1; tumor necrosis factor receptor superfamily member 10a variant 2; APO2; TRAILR1; TRAILR-1; MGC9365;

**Gene ID** [8797](#)

**mRNA Refseq** [NM\\_003844](#)

**Protein Refseq** [NP\\_003835](#)

**MIM** [603611](#)

**UniProt ID** [O00220](#)

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