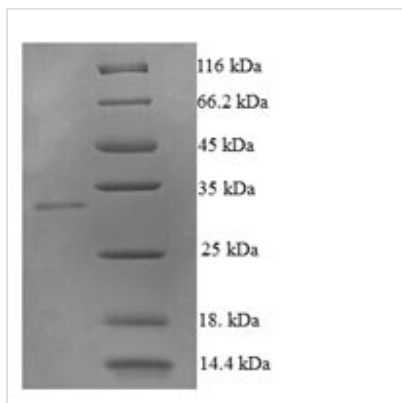




# Recombinant Human Tumor necrosis factor ligand superfamily member 10 (TNFSF10), partial

|                          |                                                                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>      | CSB-EP023985HU                                                                                                                                                                                                                                                                                                |
| <b>Relevance</b>         | Cytokine that binds to TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and possibly also to TNFRSF11B/OPG. Induces apoptosis. Its activity may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and TNFRSF11B/OPG that cannot induce apoptosis. |
| <b>Abbreviation</b>      | Recombinant Human TNFSF10 protein, partial                                                                                                                                                                                                                                                                    |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                               |
| <b>Uniprot No.</b>       | P50591                                                                                                                                                                                                                                                                                                        |
| <b>Alias</b>             | Apo-2 ligand ;Apo-2LTNF-related apoptosis-inducing ligand ;Protein TRAIL; CD253                                                                                                                                                                                                                               |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                           |
| <b>Immunogen Species</b> | Homo sapiens (Human)                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>            | ≥ 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                              |
| <b>Sequence</b>          | TNELKQMQDKYSKSGIACFLKEDDSYWDPNDEESMNSPCWQVKWQLRQLVR<br>KMILRTSEETISTVQEKQQNISPLVRERGPQRVAAHITGTRGRSNTLSSPNSKN<br>EKALGRKINSWESSRSGHSFSLNLHLRNGELVIHEKGFYYIYSQTYFRFQEEIK<br>ENTKNDKQMVQYIYKYTSYPDPILLMKSARNSCWSKDAEYGLYSIYQGGIFELK<br>ENDRIFVSVTNEHLIDMDHEASFFGAFLVG                                           |
| <b>Research Area</b>     | Apoptosis                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                        |
| <b>Target Names</b>      | TNFSF10                                                                                                                                                                                                                                                                                                       |
| <b>Expression Region</b> | 39-281aa                                                                                                                                                                                                                                                                                                      |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                           |
| <b>Tag Info</b>          | N-terminal 6xHis-tagged                                                                                                                                                                                                                                                                                       |
| <b>Mol. Weight</b>       | 32.4kDa                                                                                                                                                                                                                                                                                                       |
| <b>Protein Length</b>    | Extracellular Domain                                                                                                                                                                                                                                                                                          |
| <b>Image</b>             |                                                                                                                                                                                                                                                                                                               |



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.