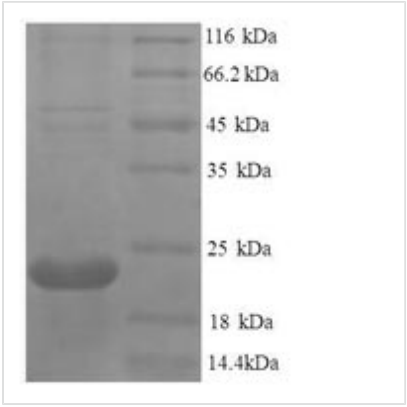
Recombinant Human Tumor necrosis factor receptor superfamily member 11A (TNFRSF11A), partial

Product Code	CSB-EP896933HU
Relevance	Receptor for TNFSF11/RANKL/TRANCE/OPGL; essential for RANKL-mediated osteoclastogenesis. Involved in the regulation of interactions between T-cells and dendritic cells.
Storage	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.
Uniprot No.	Q9Y6Q6
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	LQIAPPCTSEKHYEHLGRCCNKCEPGKYMSSKCTTTSDSVCLPCGPDEYLDS WNEEDKCLLHKVCDTGKALVAVVAGNSTTPRRCACTAGYHWSQDCECCRRN TECAPGLGAQHPLQLNKDTVCKPCLAGYFSDAFSSTDKCRPWTNCTFLGKRV EHHGTEKSDAVCSSSLPARK
Lead Time	3-7 business days
Research Area	Immunology
Source	E.coli
Gene Names	TNFRSF11A
Expression Region	28-202aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	23.2kDa
Protein Description	Partial
Image	



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

Description

In e.coli cells, the generation of recombinant Human TNFRSF11A protein involves cloning a DNA fragment encoding the Human TNFRSF11A protein (28-202aa) into a plasmid vector, which is then transferred into the e.coli cells. Positive cells are selected, cultured, and induced to express the TNFRSF11A protein. A N-terminal 6xHis tag is attached to the protein. Lysis of the cells allows for the harvest of the recombinant Human TNFRSF11A protein. The collected recombiant Human TNFRSF11A protein is subjected to affinity purification and is identified using SDS-PAGE and subsequent staining of the gel with Coomassie Brilliant Blue. Its purity is greater than 90%.