

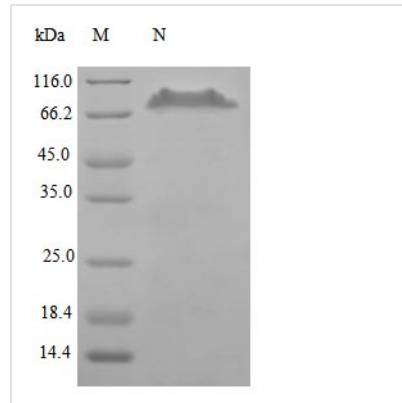


# Recombinant Human Tumor necrosis factor receptor superfamily member 11B protein (TNFRSF11B), partial (Active)

<b>Product Code</b>	CSB-AP002991HU
<b>Abbreviation</b>	Recombinant Human TNFRSF11B protein, partial (Active)
<b>Uniprot No.</b>	O00300
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2µm filtered 20 mM PB, pH 6.0, 150 mM NaCl, 0.02 % Tween-80
<b>Product Type</b>	Tumor Necrosis Factor
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	Fully biologically active when compared to standard. The ED50 as determined by neutralizing the stimulation of U937 cells is less than 10 ng/ml, corresponding to a specific activity of $>1.0 \times 10^5$ IU/mg in the presence of 10 ng/mL soluble rHuRANKL (sRANKL).
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Sequence</b>	ETFPKYLHY DEETSHQLLC DKCPPGTYLK QHCTAKWKTV CAPCPDHYYT DSWHTSDECL YCSPVCKELQ YVKQECNRTH NRVCECKEGR YLEIEFCLKH RSCPPGFGVV QAGTPERNV CKRCPDGFSS NETSSKAPCR KHTNCSVFGL LLTQKGNATH DNICSGNSES TQKCGIDVTL+ EPKSSDKTHT CPPCPAPEFE GAPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NQYVDGVEVH NAKTKPREEQ YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN KALPTPIEKT ISKAKGQPRE PQVYTLPPSR DELTKNQVSL TCLVKGFYPS DIAVEWESNG QPENNYKTHP PVLDSGDSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNNH YTQKSLSLSP GK
<b>Research Area</b>	Immunology
<b>Source</b>	Yeast
<b>Target Names</b>	TNFRSF11B
<b>Expression Region</b>	22-201aa
<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>	C-terminal hFc-tagged
<b>Mol. Weight</b>	109.6 kDa
<b>Protein Length</b>	Partial
<b>PubMed ID</b>	9108485; 9492069; 9688283; 14702039; 16421571; 15489334; 9571159; 15340161; 12110935; 9168977; 9603945; 9478964; 11505389; 22664871;



12189164

**Image****Endotoxin**

Less than 1.0 EU/ $\mu$ g as determined by LAL method.

**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.