

Recombinant Human Tumor Necrosis Factor Receptor Superfamily, Member 13C

Cat. No. TNFRSF13C-5255H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TNFRSF13C is a disulfide-linked monomeric protein consisting of 76 amino acid residues subunits. The molecule has a calculated molecular mass of approximately 9 kDa and migrates as an approximately 9 kDa protein under non-reducing and reducing conditions in SDS-PAGE.
Species	Human
Source	Human
Description	TNFRSF13C appears to be particularly important for the regulation of B cell survival and maturation in the spleen, because A/WySnJ mice expressing a defective TNFRSF13C have disrupted B cell maturation, similar to that seen in BAFF-deficient mice.
Form	Recombinant TNFRSF13C was lyophilized from a 0.2 µm filtered solution in 2.5% glycine, 0.5% sucrose, 0.01% Tween80, 5 mM Glutamic acid, pH 4.5.
Purity	>95%, as determined by SDS-PAGE and HPLC.
Sequence	MRRGPRSLRG RDAPAPTPCV PAECFDLLVR HCVACGLLRT PRPKPAGASS PAPRTALQPQ ESGAGAGEA ALPLPGLL
Molecular Weight	9 kDa.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Biological Activity	TheED(50) was determined by the ability to block BAFF induced survival of splenocyte cells, and was found to be in the range of 1.0-5.0 ug/ml.
Endotoxin	Less than 0.1 ng/g (1EU/g).
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/ml. This solution can then be diluted into other buffers.
Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20°C. Upon reconstitution, this cytokine can be stored in working aliquots at 2°C - 8°C for one month, or at -20°C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.
Official Symbol	TNFRSF13C
Pathways	Cytokine-cytokine receptor interaction

GENE INFORMATION

Gene Name	TNFRSF13C tumor necrosis factor receptor superfamily, member 13C [Homo sapiens]
Synonyms	TNFRSF13C; tumor necrosis factor receptor superfamily, member 13C; CD268; MGC138235; BAFF receptor; OTTHUMP00000028746; B cell-activating factor receptor; BAFF-R; BAFFR; BR3; BlyS receptor 3; CD268 antigen; tumor necrosis factor receptor superfamily, member 13C
Gene ID	115650
mRNA Refseq	NM_052945

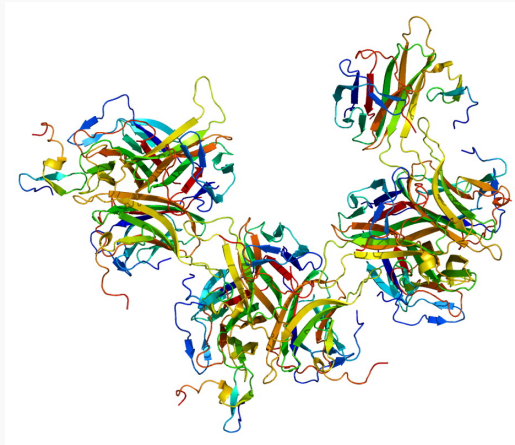
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Protein Refseq	NP_443177
MIM	606269
UniProt ID	Q5H8V1
Chromosome Location	22q13.1-q13.31
Function	receptor activity

PDBrendering based
on 1oqe.



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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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