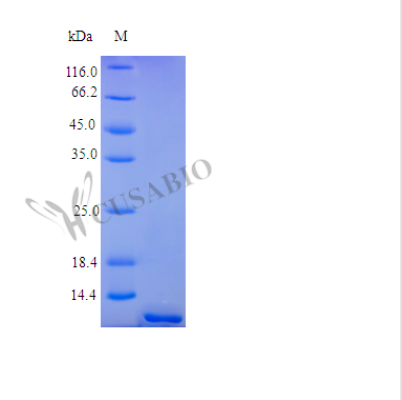
Recombinant Human Tumor necrosis factor receptor superfamily member 17 protein (TNFRSF17), partial (Active)

Product Code	CSB-AP002271HU
Abbreviation	Recombinant Human TNFRSF17 protein, partial (Active)
Uniprot No.	Q02223
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μm filtered 30 % acetonitrile, 0.1 % TFA
Product Type	Tumor Necrosis Factor
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by its ability to inhibit APRIL-mediated proliferation of anti-IgM stimulated murine B cells is no less than 40 ng/ml, corresponding to a specific activity of >2.5x10^4 IU/mg in the presence of 100 ng/ml human APRIL.
Purity	>98% as determined by SDS-PAGE.
Sequence	AGQCSQNEYF DSLLHACIPC QLRCSSNTPP LTCQRYCNAS VTNSVKGTNA
Research Area	Cancer
Source	E.coli
Target Names	TNFRSF17
Expression Region	5-54aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	5.4 kDa
Protein Length	Partial
PubMed ID	1396583; 8165126; 11528522; 17825416; 10493829; 15616553; 10903733; 10801128; 10973284; 10908663; 12721620; 15542592
Image	



Description

This Recombinant Human TNFRSF17 protein is for cancer research use. TNFRSF17, also known as Tumor necrosis factor receptor superfamily member 17 or B-cell maturation protein (BCMA), plays a crucial role in B-cell development and is implicated in various cancer-related processes.

Our protein is produced using an E. coli expression system and covers amino acids 5 to 54, representing a partial length of the TNFRSF17 sequence. It is tag-free, ensuring its native conformation and eliminating any potential interference in downstream applications. With a purity exceeding 98% and minimal endotoxin contamination, our TNFRSF17 protein guarantees reliable and consistent results.

The activity of this protein has been validated. The lyophilized powder form ensures easy handling and storage, providing convenience in your research endeavors. Explore the potential of TNFRSF17 in cancer biology and unravel its role in B-cell maturation and tumorigenesis with our high-quality and bioactive protein.

Endotoxin

Less than 1.0 EU/μg 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.