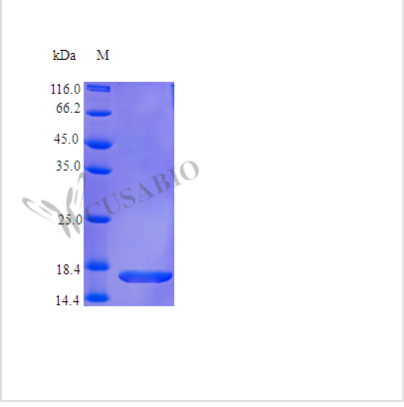
Recombinant Human Tumor necrosis factor ligand superfamily member 13B (TNFSF13B), partial (Active)

Product Code	CSB-AP002191HU
Abbreviation	Recombinant Human TNFSF13B protein, partial (Active)
Uniprot No.	Q9Y275
Storage Buffer	Lyophilized from a 0.2 μm filtered concentrated solution in PBS, pH 7.0.
Product Type	Tumor Necrosis Factors
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by a mouse splenocyte survival assay is 0.5-2 ug/ml.
Purity	>95% as determined by SDS-PAGE.
Sequence	M+AVQGPEETV TQDCLQLIAD SETPTIQKGS YTFVPWLLSF KRGSALEEKE NKILVKETGY FFIYGQVLYT DKTYAMGHLI QRKKVHVFGD ELSLVTLFRC IQNMPETLPN NSCYSAGIAK LEEGDELQLA IPRENAQISL DGDVTFFGAL KLL
Research Area	Cancer
Source	E.Coli
Target Names	TNFSF13B
Expression Region	M+134-285aa
Tag Info	Tag-Free
Mol. Weight	17.2 kDa
Protein Length	Partial
PubMed ID	10331498; 10359578; 10398604; 12867412; 22749832; 12975309; 15057823; 15489334; 10973284; 11853672; 11827482; 11862220
Image	

Description

Explore the potential of our Recombinant Human TNFSF13B (CD257) protein in your cancer research and immunology investigations. TNFSF13B, also known as Tumor necrosis factor ligand superfamily member 13B or B-cell-activating factor (BAFF), is a vital cytokine involved in B-cell activation and survival. It plays a critical role in regulating B-cell development, proliferation, and antibody production, making it an intriguing target for understanding immune responses and exploring therapeutic strategies.

Produced using our advanced E. coli expression system, this Tag-Free recombinant protein offers exceptional purity (>95% as determined by SDS-PAGE and HPLC) and low endotoxin levels (<1.0 EU/μg). The protein corresponds to amino acids 134 to 285, covering a partial length of the TNFSF13B sequence. Its native structure is preserved, enabling reliable and consistent results in your experiments.

With its fully biologically active nature, our TNFSF13B protein demonstrates potent effects on B-cell survival and activation. Its activity has been determined through a mouse splenocyte survival assay, showing an effective dose (ED50) ranging from 0.5 to 2 μg/ml. You can conveniently utilize this lyophilized powder-form protein in various applications, benefitting from its long-term stability and ease of reconstitution. Unveil new insights into cancer biology and immunological processes with our high-quality TNFSF13B protein.

Endotoxin	Less than 1.0 EU/μg as determined by LAL method.
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.