

# Mouse TNFSF14 Recombinant Protein



RPPB1036

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## Product Information    Protein Information

**Product SKU:**

RPPB1036

**Accession:**

Q9QYH9

**Host:**

Escherichia Coli.

**Protein description:**

TNFSF14 Mouse Recombinant produced in E. Coli is a single, non-glycosylated, polypeptide chain containing 168 amino acids and having a molecular mass of 18.4kDa.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Tumor necrosis factor ligand superfamily member 14, CD258, Tnfsf14, Light.

**Formulation:**

TNFSF14 protein was lyophilized from a 0.2µm filtered concentrated solution in PBS pH7.4.

**Purity:**

Greater than 96.0% as determined by: (a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized TNFSF14 in sterile 100mM HAc not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized TNFSF14 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TNFSF14 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

DGGKGSWEKL IQDQRSHQAN PAAHLTGANA SLIGGGPLL WETRLGLAFL RGLTYHDGAL VTMEPGYYYY  
YSKVQLSGVG CPQGLANGLP ITHGLYKRTS RYPKELELLV SRRSPCGRAN SSRVWWDSSF LGGVVHLEAG  
EEVVVRVPGN RLVPRPDGTR SYFGAFMV.

**Biological Activity:**

The ED50 as determined by a cytotoxicity assay using human HT-29 cells is less than 2µg/ml, corresponding to a specific activity of > 500 IU/mg in the presence of murine anti-polyHistidine monoclonal antibody and rHuIFN-g.