

Active Recombinant Mouse TNFSF14 protein

Cat. No. TNFSF14-2020M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Mouse TNFSF14 protein(72-239 aa) was expressed in Escherichia coli.
Species	Mouse
Source	E.coli
ProteinLength	72-239 aa
Form	Lyophilized from a 0.2 µ filtered concentrated solution in PBS, pH7.4.
Bio-activity	Fully biologically active when compared to standard. The ED50 as determined by a cytotoxicity assay using human HT-29 cells is less than 2 µg/ml, corresponding to a specific activity of > 500 IU/mg in the presence of murine anti-polyHistidine monoclonal antibody and rHuIFN-γ.
Molecular Mass	Approximately 18.4 kDa, a single non-glycosylated polypeptide chain containing 168 amino acids.
AASequence	DGGKGSWEKL IQDQRSHQAN PAAHLTGANA SLIGIGGPLL WETRLGLAFL RGLTYHDGAL VTMEPGYYYV YSKVQLSGVG CPQGLANGLP ITHGLYKRTS RYPKELELLV SRRSPCGRAN SSRVWWDSSF LGGVVHLEAG EEVVVRVPGN RLVRPRDGTR SYFGAFMV
Endotoxin	Less than 1 EU/g of rMuLIGHT/TNFSF14 as determined by LAL method.

 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

Purity	> 96 % by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in 100 mM HAc to a concentration of 0.1-1.0 mg/ml. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C.

GENE INFORMATION

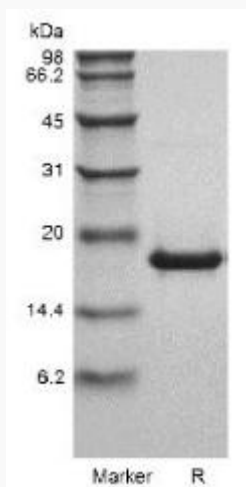
Gene Name	Tnfsf14 tumor necrosis factor (ligand) superfamily, member 14 [Mus musculus]
Official Symbol	TNFSF14
Synonyms	TNFSF14; tumor necrosis factor (ligand) superfamily, member 14; tumor necrosis factor ligand superfamily member 14; LTg; HVEM-L; LIGHT; Ly113; HVEM-L;
Gene ID	50930
mRNA Refseq	NM_019418
Protein Refseq	NP_062291

 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

SDS-PAGE



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