

Recombinant Murine LIGHT/TNFSF14

#R00249

Size: 5 µg/100 µg/500 µg

Stability & 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.



Warning: This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

AA Sequence

DGGKGSWEKLIQDQRSHQANPAAHLTGANASLIGIG
GPLLWETRLGLAFLRGLTYHDGALVTMEPGYYVYS
KVQLSGVGCPQGLANGLPITHGLYKRTSRYPKLELL
VSRRSPCGRANSSRVWWSSFLGGVVHLEAGEEVV
VRVPGNRLVRPRDGT RSYFGAFMV

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. Further dilutions should be made in appropriate buffered solutions.

Product Specification

Species	Murine
Source	Escherichia coli.
Molecular Weight	Approximately 18.4 kDa, a single non-glycosylated polypeptide chain containing 168 amino acids.
Purity	> 96 % by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The ED ₅₀ 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.

Physical Appearance Formulation	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH7.4.
Endotoxin	Less than 1 EU/µg of rMuLIGHT/TNFSF14 as determined by LAL method.