

Recombinant Human soluble Receptor Activator of Nuclear Factor kappa-B Receptor/TNFRSF11A

#R00098

Size: 100 µg/500 µg

Stability & Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.CHAR(10)
 - 12 months from date of receipt, -20 to -70 °C as supplied.CHAR(10)
 - 1 month, 2 to 8 °C under sterile conditions after reconstitution.CHAR(10)
 - 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

QIAPPCTSEKHYEHLGRCCNKCEPGKYMSSKCTTTS
 DSVCLPCGPDEYLDWNEEDKCLLHKVCDTGKALVA
 VVAGNSTTPRRCACTAGYHWSQDCECCRRNTECAP
 GLGAQHPLQLNKDTVCKPCLAGYFSDAFSSTDKCRP
 WTNCTFLGKRVEHHGTEKSDAVCSSLPARK

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA 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

Accession	Q9Y6Q6
GeneID	8792
Species	Human
Source	Escherichia coli.
Molecular Weight	Approximately 19.1 kDa, a single non-glycosylated polypeptide chain containing 174 amino acids.
Purity	> 98 % by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The ED ₅₀ as determined by its ability to inhibit sRANK Ligand induced nuclear factor kappa B(NFkappaB) in RAW 264.7 cells is less than 50 ng/ml, corresponding to a specific

	activity of > 2.0 × 10 ⁴ IU/mg in the presence of 15 ng/ml of recombinant sRANK Ligand.
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM Tris-HCl, pH 8.0, 150mM NaCl.
Endotoxin	Less than 0.1 EU/µg of rHusRANK Receptor as determined by LAL method.