

Recombinant Human Lipocalin-2

#R00563

Size: 10 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

QDSTSDLIPAPPLSKVPLQQNFQDNQFQGKWYVVGL
AGNAILREDKDPQKMYATIYELKEDKSYNVTSVLFRK
KKCDYWIRTFVPGCQPGFTLGNIKSYPLTSYLVRV
VSTNYNQHAMVFFKKVSNREYFKITLYGRTKELTSE
LKENFIRFSKSLGLPENHIVFPVPIDQCIDG

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	P80188
GeneID	3934
Species	Human
Source	Escherichia coli.
Molecular Weight	Approximately 41.0 kDa, a homodimeric protein consisting of two 178 amino acid non-glycosylated polypeptide chains.
Purity	> 95 % by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The ED ₅₀ as determined by a cell proliferation assay using human TF-1 cells is less than 0.5 ng/ml, corresponding to a specific activity of > 2.0 × 10 ⁶ IU/mg.

Physical Appearance Formulation	Sterile Filtered White Lyophilized (freeze-dried) powder. Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4, with 0.05 % Tween-20.
Endotoxin	Less than 0.1 EU/µg of rHuLCN2 as determined by LAL method.