

Human LCN2 Recombinant Protein



RPPB1888

Product Information Protein Information

Product SKU:

RPPB1888

Accession:

P80188

Host:

Escherichia Coli.

Protein description:

LCN2 Human Recombinant produced in E.Coli is a homodimeric non-glycosylated polypeptide chains consisting of two 178 amino acids and having a molecular mass of 41.0kDa.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Neutrophil gelatinase-associated lipocalin, NGAL, p25, 25 kDa alpha-2-microglobulin-related subunit of MMP-9, Lipocalin-2, Oncogene 24p3, LCN2.

Formulation:

LCN2 protein was lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4, with 0.05 % Tween-20.

Purity:

Greater than 95.0% as determined by: (a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Stability:

Lyophilized LCN2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution LCN2 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:

QDSTSDLIPA PLSKVPLQQ NFQDNQFQGK WYVVGLAGNA ILREDKDPQK MYATIELKE DKSYNVTSVL
FRKKKCDYWI RTFVPGCQPG EFTLGNISY PGLTSYLVRV VSTNYNQHAM VFFKKVSQNR EYFKITLYGR
TKELTSELKE NFIRFSKSLG LPENHIVFPV PIDQCIDG

Biological Activity:

The ED50 as determined by a cell proliferation assay using human TF-1 cells is less than 0.5ng/ml, corresponding to a specific activity of > 2.0 × 1,000,000 IU/mg.