

Recombinant Human LCN2 protein, hFc-tagged

Cat. No. LCN2-7864H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LCN2 protein(P80188-1)(Gln21-Gly198), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln21-Gly198
Tag	C-hFc
Form	Supplied as 0.22µm filtered solution in 50mM MES,150mM NaCl (pH 6.5).
Bio-activity	Immobilized Human NGAL, hFc Tag at 1 ug/ml (100ul/Well) on the plate. Dose response curve for Biotinylated Anti-NGAL Antibody, hFc Tag with the EC50 21.4ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 47.2 kDa. Due to glycosylation, the protein migrates to 48-52 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Valid for 12 months from date of receipt when stored at -80°C.; Recommend to

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Reconstitution**GENE INFORMATION**

Gene Name LCN2 lipocalin 2 [Homo sapiens]

Official Symbol LCN2

Synonyms LCN2; lipocalin 2; lipocalin 2 (oncogene 24p3); neutrophil gelatinase-associated lipocalin; 24p3; neutrophil gelatinase associated lipocalin; NGAL; oncogene 24p3; siderocalin; p25; lipocalin-2; migration-stimulating factor inhibitor; 25 kDa alpha-2-microglobulin-related subunit of MMP-9; MSFI;

Gene ID 3934

mRNA Refseq NM_005564

Protein Refseq NP_005555

MIM 600181

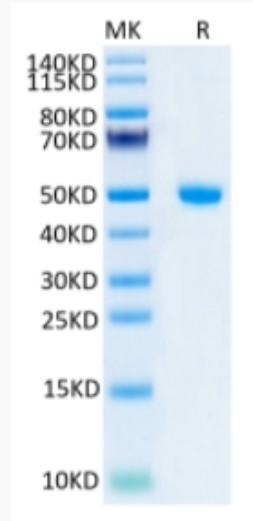
UniProt ID P80188

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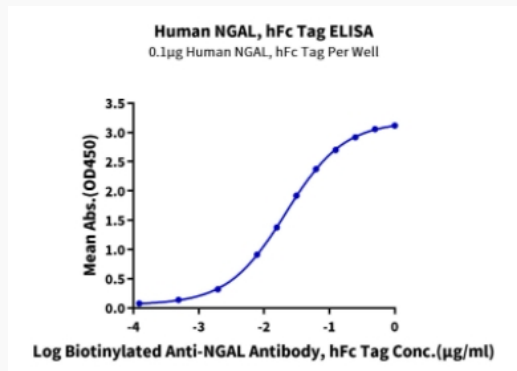
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Tris-Bis PAGE



ELISA Data



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