

Active Recombinant Human LCN2 protein, hFc-tagged, Low Endotoxin

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	21-198 aa
Form	Lyophilized from 0.22µm filtered solution in 50mM MES,150mM NaCl (pH 6.5). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human NGAL, hFc Tag at 1 µg/ml (100µl/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 Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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

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

 45-1 Ramsey Road, Shirley, NY 11967, USA

months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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

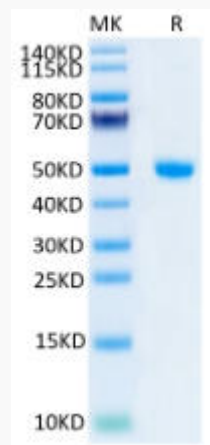
UniProt ID P80188

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

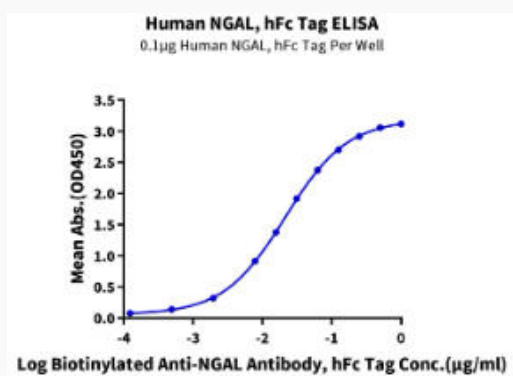
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Bis-Tris PAGE



ELISA Data



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

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

45-1 Ramsey Road, Shirley, NY 11967, USA