

Product Data Sheet

Recombinant Mouse NGAL Protein

Catalog #	Source	Reactivity	Applications
CRP3024	Human cells	M	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse NGAL Protein is produced by mammalian expression system and the target gene encoding Gln21-Asn200 is expressed with a Fc tag at the C-terminus.		
Form	Liquid in a 0.2 µm filtered solution of 20mM MES, 150mM NaCl, 10% Glycerol, pH 5.5.		
Gene Symbol	LCN2		
Alternative Names	HNL; NGAL; Neutrophil gelatinase-associated lipocalin; NGAL; 25 kDa alpha-2-microglobulin-related subunit of MMP-9; Lipocalin-2; Oncogene 24p3; Siderocalin LCN2; p25		
Entrez Gene	16819 (Mouse)		
SwissProt	P11672 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	QDSTQNLIPA PSLTVP LQP DFRSDQFRGR WYVVG LAGNA VQKKTEGSFT MYSTIYELQE NNSYNVTSIL VRDQDQGCRY WIRTFVPSSR AGQFTLG NMH RYPQVQSYNV QVATTDYNQF AMVFFRKTSE NKQYFKITLY GRTKELSP EL KERFTRFAKS LGLKDDNIIF SVPTDQCIDN VDDIEGRMDE PKSCDKTHTC PPCAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRE EMTKNQVSLT CLVKG FYPSD IAVEWESNGQ PENNYKTPPP VLDS DGSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKSLSLSPG K		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not		
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference			
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish			

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recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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