

Product Data Sheet

Recombinant Mouse NGAL Protein

Catalog #	Source	Reactivity	Applications
CRP3023	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 6His 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 WYVVGLAGNA VQKKTEGSFT MYSTIYELQE NNSYNVTSIL VRDQDQGCRY WIRTFVPSSR AGQFTLG NMH RYPQVQSYNV QVATTDY NQF AMVFFRKTSE NKQYFKITLY GRTKELSP EL KERFTRFAKS LGLKDDNIIF SVPTDQCIDN VDHHHHHHH		
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 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		
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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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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