

## Recombinant Mouse NGAL Protein

Catalog #	Source	Reactivity	Applications
CRP3024	Human cells	Mouse	E, WB, SDS-PAGE, MS
<b>Description</b>	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.		
<b>Form</b>	Liquid in a 0.2 µm filtered solution of 20mM MES, 150mM NaCl, 10% Glycerol, pH 5.5.		
<b>Gene Symbol</b>	LCN2		
<b>Alternative Names</b>	HNL; NGAL; Neutrophil gelatinase-associated lipocalin; NGAL; 25 kDa alpha-2-microglobulin-related subunit of MMP-9; Lipocalin-2; Oncogene 24p3; Siderocalin LCN2; p25		
<b>Entrez Gene</b>	16819 (Mouse)		
<b>SwissProt</b>	P11672 (Mouse)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>QDSTQNLIPA PSLLTVPLQP DFRSDQFRGR WYVVGLAGNA VQKKTEGSFT MYSTIYELQE  NNSYNVTSIL VRDQDQGCRY WIRTFVPSSR AGQFTLGNMH RYPQVQSYNV QVATTDYDYNQF  AMVFFRKTSE NKQYFKITLY GRTKELSPEL KERFTRFAKS LGLKDDNIIF SVPTDQCIDN  VDDIEGRMDE PKSCDKTHTC PPCAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV  SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK  ALPAPIEKTI SKAKGQPREP QVYTLPPSRE EMTKNQVSLT CLVKGFYPSD IAVEWESNGQ  PENNYKTPP VLDSGGSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKLSLSLSPG K</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
<b>Directions for Use</b>	Please minimize freeze-thaw cycles.		
<b>Application key:</b>	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		
<b>Species reactivity key:</b>	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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# Product Data Sheet

## 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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