

Product datasheet for **TP727411**

NGAL (Lcn2) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse NGAL/Lipocalin-2/LCN2 (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Gln21-Asn200
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM MES, 150mM NaCl, 10% Glycerol, pH 5.5.
Note:	Recombinant Mouse Neutrophil gelatinase-associated lipocalin is produced by our Mammalian expression system and the target gene encoding Gln21-Asn200 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	16819
UniProt ID:	P11672
Summary:	Lipocalin-2, also known as Neutrophil Gelatinase-Associated Lipocalin (NGAL), is a secretory protein of the lipocalin superfamily. Lipocalin-2 contains a signal peptide that enables it to be secreted and form complexes with matrix metalloproteinase-9 (MMP-9) through disulfide bonds. Similar to other lipocalin family members, Lipocalin-2 is involved in diverse cellular processes, including the transport of small hydrophobic molecules, protection of MMP-9 from proteolytic degradation, and cell signaling. This protein is mainly expressed in neutrophils and in lower levels in the kidney, prostate, and epithelia of the respiratory and alimentary tracts. Recent evidence also suggests its role as a biomarker for renal injury and inflammation.



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