

Active Recombinant Mouse Lcn2 Protein, His-tagged

Cat. No. Lcn2-1301M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse lipocalin 2 (Lcn2 / NGAL) (Gln21-Asn200) with C-terminal His tag, was expressed in HEK293 cell.
Species	Mouse
Source	HEK293
ProteinLength	21-200 a.a.
Description	Biased expression in genital fat pad adult (RPKM 1633.0), liver E18 (RPKM 272.6) and 3 other tissues
Bio-activity	The BC50 = 0.7 μ M, determined by dose dependent binding of the protein (4 μ M) with [Fe3+(DHBA)3] complex.
Molecular Mass	23 kDa
Endotoxin	Less than 0.01 ng per μ g protein as determined by the LAL method
Purity	>95%, as determined by Coomassie stained SDS-PAGE.
Stability	Unopened vial can be stored between 2 centigrade and 8 centigrade for up to 2 weeks, at -20 centigrade for up to 6 months, or at -70 centigrade or below until the expiration date. Aliquots can be stored between 2 centigrade and 8 centigrade for up to one week and stored at -20 centigrade or colder for up to 3 months. Avoid repeated

 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

freeze/thaw cycles.

Storage Store at -80 centigrade.

Concentration Protein formulated and vialled at >50 g/mL in specified buffer

Storage Buffer 1 x PBS

GENE INFORMATION

Gene Name Lcn2 lipocalin 2 [Mus musculus (house mouse)]

Official Symbol Lcn2

Synonyms Lcn2; lipocalin 2; NRL; 24p3; Sip24; AW212229; neutrophil gelatinase-associated lipocalin; SV-40-induced 24P3 protein; neu-related lipocalin; oncogene 24p3; p25; secreted inducible protein 24; siderocalin LCN2

Gene ID 16819

mRNA Refseq NM_008491

Protein Refseq NP_032517

UniProt ID P11672

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