

Recombinant Human LCN6 Protein, His-tagged

Cat. No. LCN6-2388H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LCN6 Protein (Val21-Gln163) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val21-Gln163
Description	Predicted to enable small molecule binding activity. Predicted to be involved in single fertilization. Predicted to be located in extracellular region.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.8 kDa Accurate Molecular Mass: 18 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

100mM NaHCO₃, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

LCN6 lipocalin 6 [Homo sapiens (human)]

Official Symbol

LCN6

Synonyms

LCN6; lipocalin 6; epididymal-specific lipocalin-6; LCN5; hLcn5; UNQ643; epididymal-specific lipocalin LCN6
epididymis secretory sperm binding protein
lipocalin 5

Gene ID

158062

mRNA Refseq

NM_198946

Protein Refseq

NP_945184

MIM

609379

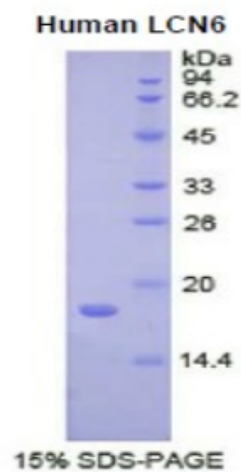
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UniProt ID

P62502

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