

Recombinant Human LEAP2 protein, His & GST-tagged

Cat. No. LEAP2-1558H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LEAP2 aa. (Ser23~Gln76 (Accession # Q969E1)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ser23~Gln76
Description	This gene encodes a cysteine-rich cationic antimicrobial peptide that is expressed predominantly in the liver. The mature peptide has activity against gram-positive bacteria and yeasts.
Form	Freeze-dried powder
Molecular Mass	39kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
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°C for 48h,

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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°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	8.8

GENE INFORMATION

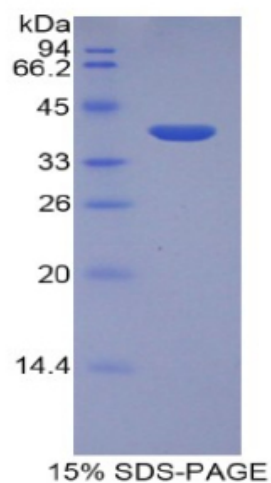
Gene Name	LEAP2 liver enriched antimicrobial peptide 2 [Homo sapiens (human)]
Official Symbol	LEAP2
Synonyms	LEAP2; liver enriched antimicrobial peptide 2; LEAP-2; liver-expressed antimicrobial peptide 2
Gene ID	116842
mRNA Refseq	NM_052971.2
Protein Refseq	NP_443203.1
UniProt ID	Q969E1

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SDS-PAGE



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