

Recombinant Human LIX1 protein, His-tagged

Cat. No. LIX1-7645H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LIX1 protein(189-282 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	189-282 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	VISYYSQYSLDEKMRSHMALDWIMKERDSPGIVSQELRMALRQLEEARKAGQELRF YKEKKEILSLALTQICSDPDTSSPSDDQLSLTALCGYH
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

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μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	LIX1 Lix1 homolog (chicken) [Homo sapiens]
Official Symbol	LIX1
Synonyms	LIX1; Lix1 homolog (chicken); C5orf11, chromosome 5 open reading frame 11 , Lix1 homolog (mouse); protein limb expression 1 homolog; limb expression 1; C5orf11; FLJ25534;
Gene ID	167410
mRNA Refseq	NM_153234
Protein Refseq	NP_694966
MIM	610466
UniProt ID	Q8N485

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