

Recombinant Human LIX1 protein, His-tagged

Cat. No. LIX1-7644H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LIX1 protein(1-282 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-282 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	MDITLESLRHIIAQVLPHRDPALVFKDLNVVSMQLQEFWESKQQQKAAFPSEGVVVYE SLPAPGPPFVS YVTLPGGSCFGNFQCCLSR AEARRDAAKVALINSLFNELPSRRITK EFIMESVQEAVASTSGTLDDADDPSTSVGAYHYMLESNMGKTMLEFQELMTIFQLLH WNGSLKALRETKCSRQEVISYYSQYSLDEKMRSHMALDWIMKERDSPGIVSQELRM ALRQLEEARKAGQELRFYKEKKEILSLALTQICSDPDTSSPSDDQLSLTALCGYH
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.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/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](#)

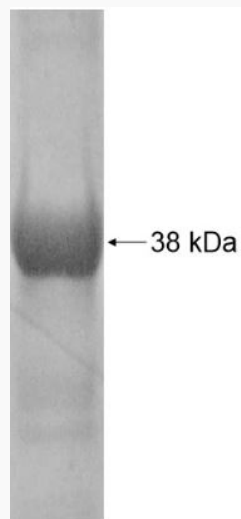
UniProt ID [Q8N485](#)

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SDS-PAGE



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