

Recombinant Human HESX1 protein, His-tagged

Cat. No. HESX1-2449H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HESX1 protein(1-185 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-185 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	MSPSLQEGAQLGENKPKSTCSFSIERILGLDQKKDCVPLMKPHRPWADTCSSSGKDG NLCLHVPNPPSGISFSPVVDHPMPEERASKYENYFSASERLSLKRELSWYRGRRPR TAFTQNQIEVLENVFRVNCYPGIDIREDLAQKLNLEEDRIQIWFQNRRAKLKRSHRES QFLMAKKNFNTNLL
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

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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	HESX1 HESX homeobox 1 [Homo sapiens]
Official Symbol	HESX1
Synonyms	HESX1; HESX homeobox 1; homeobox, ES cell expressed 1; homeobox expressed in ES cells 1; ANF; RPX; hAnf; homeobox protein ANF; Rathke pouch homeobox; CPHD5; MGC138294;
Gene ID	8820
mRNA Refseq	NM_003865
Protein Refseq	NP_003856
MIM	601802
UniProt ID	Q9UBX0

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