

Recombinant Mouse Hhex Protein, MYC/DDK-tagged

Cat. No. Hhex-1124M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse hematopoietically was expressed homeobox (Hhex), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Recognizes the DNA sequence 5'-ATTAA-3' (PubMed:10804173). Transcriptional repressor (PubMed:10804173). Activator of WNT-mediated transcription in conjunction with CTNNB1 (PubMed:16936074). Establishes anterior identity at two levels; acts early to enhance canonical WNT-signaling by repressing expression of TLE4, and acts later to inhibit NODAL-signaling by directly targeting NODAL (PubMed:16936074). May play a role in hematopoietic differentiation (PubMed:8096636).
Molecular Mass	30 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Hhex hematopoietically expressed homeobox [*Mus musculus* (house mouse)]

Official Symbol Hhex

Synonyms Hhex; hematopoietically expressed homeobox; Hex; Prh; Hex1; Prhx; Hhex-rs2; hematopoietically-expressed homeobox protein Hhex; hematopoietically expressed homeobox, related sequence 2; homeobox protein HEX; homeobox protein PRH; mHex

Gene ID 15242

mRNA Refseq NM_008245

Protein Refseq NP_032271

UniProt ID P43120

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