

Recombinant Full Length Human HOPX Protein, GST-tagged

Cat. No. HOPX-3700HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOP full-length ORF (AAH14225, 1 a.a. - 73 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	73 amino acids
Description	The protein encoded by this gene is a homeodomain protein that lacks certain conserved residues required for DNA binding. It was reported that choriocarcinoma cell lines and tissues failed to express this gene, which suggested the possible involvement of this gene in malignant conversion of placental trophoblasts. Studies in mice suggest that this protein may interact with serum response factor (SRF) and modulate SRF-dependent cardiac-specific gene expression and cardiac development. Multiple alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq]
Molecular Mass	33.77 kDa
AA Sequence	MSAETASGPTEDQVEILEYNFNKVDKHPDSTTLCLIAAEAGLSEEETQKWFKQRLAK WRRSEGLPSECRSVID
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	HOPX HOP homeobox [Homo sapiens]
Official Symbol	HOPX
Synonyms	HOPX; HOP homeobox; homeodomain-only protein; homeobox only domain; HOP; LAGY; NECC1; OB1; SMAP31; odd homeobox 1 protein; odd homeobox protein 1; lung cancer-associated Y protein; not expressed in choriocarcinoma clone 1; not expressed in choriocarcinoma protein 1; HOD; TOTO; CAMEO; MGC20820;
Gene ID	84525
mRNA Refseq	NM_001145459
Protein Refseq	NP_001138931
MIM	607275
UniProt ID	Q9BPY8

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