

Recombinant Full Length Human HAX1 Protein, GST-tagged

Cat. No. HAX1-3489HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human HAX1 full-length ORF (AAH15209.1, 1 a.a. - 279 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	279 amino acids
Description	The protein encoded by this gene is known to associate with hematopoietic cell-specific Lyn substrate 1, a substrate of Src family tyrosine kinases. It also interacts with the product of the polycystic kidney disease 2 gene, mutations in which are associated with autosomal-dominant polycystic kidney disease, and with the F-actin-binding protein, cortactin. It was earlier thought that this gene product is mainly localized in the mitochondria, however, recent studies indicate it to be localized in the cell body. Mutations in this gene result in autosomal recessive severe congenital neutropenia, also known as Kostmann disease. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Molecular Mass	56.43 kDa
AA Sequence	MSLFDLFRGFFGFPGRSHRDPFFGGMTRDEDDDEEEEEEGGSWGRGNPRFHSP QHPPEEFGFGFSFSPGGIRFHDNFGFDDLVRDFNSIFSDMGAWTLPSHPPELPGP ESETPGERLREGQTLRDSMLKYPDSHQPRIFGGVLESDARSESPQPAPDWGSQRP FHRFDDVWPMDPHPRTREDNDLDSQVSQEGGLPVLQPQPKSYFKSISVTKITKPDG

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	IVEERRTVVDSEGRTEETTIVTRHEADSSPRGDPEsprppalddafsilDLFLGRWFRS R
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) 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	HAX1 HCLS1 associated protein X-1 [Homo sapiens]
Official Symbol	HAX1
Synonyms	HAX1; HCLS1 associated protein X-1; HCLS1-associated protein X-1; HCLS1 (and PKD2) associated protein; HCLSBP1; HS1BP1; HAX-1; HSP1BP-1; HS1 binding protein; HS1-binding protein 1; HS1-associating protein X-1; SCN3; FLJ17042; FLJ18492; FLJ93803;
Gene ID	10456
mRNA Refseq	NM_001018837
Protein Refseq	NP_001018238

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MIM	605998
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UniProt ID	O00165
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