

Recombinant Human HAX1, His-tagged

Cat. No. HAX1-7525H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HAX1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-279aa
Antigen Description	HAX1 is known to associate with HS1, a substrate of Src family tyrosine kinases. It also interacts with the product of PKD2, mutations in which are associated with autosomal-dominant polycystic kidney disease, and with F-actin-binding protein, cortactin. It is associated with autosomal recessive severe congenital neutropenia, also known as Kostmann syndrome.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl
Molecular Mass	33.7 kDa(299aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MSLFDLFRGF FGFPGRSHR DPFFGGMTRD EDDDEEEEEEE GGSWGRGNPR FHSPQHPPEE FGFGFSFSPG GGIRFHDNFG FDDLVRDFNS IFSDMGAWTL PSHPPELPGP ESETPGERLR EGQTLRDSML KYPDSHQPRI FGGVLESDAR SESPQAPDW GSQRPFHFRD DVWPMDPHPR TREDNDLDSQ VSQEGLGPVL QPQPKSYFKS ISVTKITKPD GIVEERTTV DSEGRTEETV TRHEADSSPR GDPESPRPPA LDDAFSILDL FLGRWFRSR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>80% as determined by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml

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
MIM	605998
UniProt ID	O00165
Chromosome Location	1q21.3

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Function

interleukin-1 binding; protein N-terminus binding; protein binding;

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