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Product datasheet for AR50793PU-S

HAX1 (1-279, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	HAX1 (1-279, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MSLFDLFRGF FGFPGPRSHR DPFFGGMTRD EDDDEEEEEE GGSWGRGNPR FHSPQHPPEE FGFGFSFSPG GGIRFHDNFG FDDLVRDFNS IFSDMGAWTL PSHPPELPGP ESETPGERLR EGQTLRDSML KYPDSHQPRI FGGVLESDAR SESPQPAPDW GSQRPFHRFD DVWPMDPHPR TREDNDLDSQ VSQEGLGPVL QPQPKSYFKS ISVTKITKPD GIVEERRTVV DSEGRTETTV TRHEADSSPR GDPESPRPPA LDDAFSILDL FLGRWFRSR
Tag:	His-tag
Predicted MW:	33.7 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human HAX1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001018238
Locus ID:	10456
UniProt ID:	O00165, A0A0S2Z565
Cytogenetics:	1q21.3
Synonyms:	HCLSBP1; HS1BP1; SCN3

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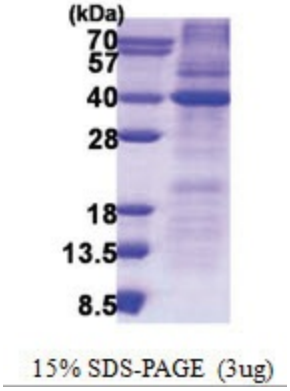
Summary: The protein encoded by this gene is known to associate with hematopoietic cell-specific Lyn substrate 1, a substrate of Src family tyrosine kinases. It also interacts with the product of the polycystic kidney disease 2 gene, mutations in which are associated with autosomal-dominant polycystic 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, Jul 2008]

Product images:



15% SDS-PAGE (3ug)