

Recombinant Human HAX1, GST-tagged

Cat. No. HAX1-13677H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HAX1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-279a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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

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