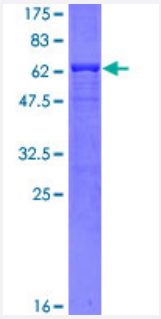
Full-Length

HAX1 (Human) Recombinant Protein (P01)

Catalog # H00010456-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HAX1 full-length ORF (AAH15209.1, 1 a.a. - 279 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSLFDLFRGFFGFPGPRSHRDPFFGGMTRDEDDDEEEEEEGGSWGRGNPRFHSPQHPPEEFG FGFSFSPGGGIRFHDNFGFDDLVRDFNSIFSDMGAWTLPSHPPELPGPESETPGERLREGQTLR DSMLKYPDSHQPRIFGGVLESDARSESPQPAPDWGSQRPFHRFDDVWPMDPHPRTREDNDLD SQVSQEGLGPVLQPQPKSYFKSISVTKITKPDGIVEERRTVVDSEGRTETTVTRHEADSSPRGDP ESPRPPALDDAFSILDLFLGRWFRSR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	56.43
Interspecies Antigen Sequence	Mouse (80); Rat (80)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — HAX1

Entrez GeneID	10456
GeneBank Accession#	BC015209
Protein Accession#	AAH15209.1
Gene Name	HAX1
Gene Alias	FLJ17042, FLJ18492, FLJ93803, HCLSBP1, HS1BP1, SCN3
Gene Description	HCLS1 associated protein X-1
Omim ID	605998 610738
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is known to associate with hematopoietic cell-specific Lyn subs trate 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 ki dney disease, and with the F-actin-binding protein, cortactin. It was earlier thought that this gene p roduct 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
Other Designations	HCLS1 (and PKD2) associated protein|HS1 binding protein|OTTHUMP00000034190

Disease

- Myelodysplastic Syndromes