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HAX1 Human

HCLS1 Associated Protein X-1 Human Recombinant
RCP0994

Product Overview

Name	HAX1 Human
Description	
HCLS1 Associated Protein X-1 Human Recombinant	
Accession (Primary)	O00165
Synonyms	
HCLS1-associated protein X-1, HS1-associating protein X-1, HS1-binding protein 1, HAX-1, HSP1BP-1, HAX1, HS1BP1.	
Introduction	
HAX1 associates with hematopoietic cell-specific Lyn substrate 1, which is a substrate of Src family tyrosine kinases. HAX1 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 HAX1 is mainly localized to the mitochondria, however, recent studies indicate it to be localized in the cell body. Mutations in the HAX1 gene result in autosomal recessive severe congenital neutropenia, aka Kostmann disease.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The HAX1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 80% as determined by SDS-PAGE.	
Amino acid 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.

Precautions

HAX1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O00165)