

Product datasheet for PH302690

HAX1 (NM_006118) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HAX1 MS Standard C13 and N15-labeled recombinant protein (NP_006109)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202690
Predicted MW:	31.6 kDa
Protein Sequence:	>RC202690 protein sequence Red=Cloning site Green=Tags(s) MSLFDLFRGFFGFPGPRSHRDPFFGGMTRDEDDDEEEEEEGGSWGRGNPRFHSPQHPPPEFGFGFSFSPG GGIRFHDNFGFDDLVRDFNSIFSDMGAWTLP SHPPELPGPESETPGERLREGQTLRDSMLKYPDSHQPRI FGGVLESDARSESPQPAPDWGSQRPFHRFDDVWMPDPHPRTREDNDLDSQVSEGLGPVLQPQPKSYFKS ISVTKITKPDGIVEERTVVDSEGRTE TTVTRHEADSSPRGDPE SPRPPALDDAFSILD LFLGRWFRSR TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_006109
RefSeq Size:	1196
RefSeq ORF:	837
Synonyms:	HCLSBP1; HS1BP1; SCN3
Locus ID:	10456
UniProt ID:	O00165 , A0A0S2Z591



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Cytogenetics: 1q21.3

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:



Coomassie blue staining of purified HAX1 protein (Cat# [TP302690]). The protein was produced from HEK293T cells transfected with HAX1 cDNA clone (Cat# [RC202690]) using MegaTran 2.0 (Cat# [TT210002]).