

## **Product datasheet for PH302690**

## OriGene Technologies, Inc.

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## 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

RC202690

or AA Sequence: Predicted MW:

31.6 kDa

Protein Sequence: >RC202690 protein sequence

Red=Cloning site Green=Tags(s)

MSLFDLFRGFFGFPGPRSHRDPFFGGMTRDEDDDEEEEEEGGSWGRGNPRFHSPQHPPEEFGFGFSFSPG GGIRFHDNFGFDDLVRDFNSIFSDMGAWTLPSHPPELPGPESETPGERLREGQTLRDSMLKYPDSHQPRI FGGVLESDARSESPQPAPDWGSQRPFHRFDDVWPMDPHPRTREDNDLDSQVSQEGLGPVLQPQPKSYFKS ISVTKITKPDGIVEERRTVVDSEGRTETTVTRHEADSSPRGDPESPRPPALDDAFSILDLFLGRWFRSR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:** <u>NP 006109</u>

RefSeq Size: 1196 RefSeq ORF: 837

Synonyms: HCLSBP1; HS1BP1; SCN3

**Locus ID:** 10456

UniProt ID: <u>000165</u>, <u>A0A0S2Z591</u>





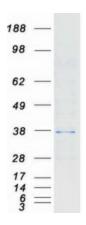
Cytogenetics:

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]).