

Product datasheet for **RC202690L4V**

HAX1 (NM_006118) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | HAX1 (NM_006118) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | HAX1 |
| Synonyms: | HCLSBP1; HS1BP1; SCN3 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_006118 |
| ORF Size: | 837 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC202690). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| RefSeq: | NM_006118.3 |
| RefSeq Size: | 1196 bp |
| RefSeq ORF: | 840 bp |
| Locus ID: | 10456 |
| UniProt ID: | O00165 |
| Cytogenetics: | 1q21.3 |
| MW: | 31.6 kDa |



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Gene 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]