

Product datasheet for TP302186

OriGene Technologies, Inc.

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SH3KBP1 (NM_031892) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human SH3-domain kinase binding protein 1 (SH3KBP1), transcript

variant 1, 20 µg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC202186 representing NM_031892

or AA Sequence: Red=Cloning site Green=Tags(s)

MVEAIVEFDYQAQHDDELTISVGEIITNIRKEDGGWWEGQINGRRGLFPDNFVREIKKEMKKDPLTNKAP EKPLHEVPSGNSLLSSETILRTNKRGERRRRCQVAFSYLPQNDDELELKVGDIIEVVGEVEEGWWEGVL NGKTGMFPSNFIKELSGESDELGISQDEQLSKSSLRETTGSESDGGDSSSTKSEGANGTVATAAIQPKKV KGVGFGDIFKDKPIKLRPRSIEVENDFLPVEKTIGKKLPATTATPDSSKTEMDSRTKSKDYCKVIFPYEA QNDDELTIKEGDIVTLINKDCIDVGWWEGELNGRRGVFPDNFVKLLPPDFEKEGNRPKKPPPPSAPVIKQ GAGTTERKHEIKKIPPERPEMLPNRTEEKERPEREPKLDLQKPSVPAIPPKKPRPPKTNSLSRPGALPPR RPERPVGPLTHTRGDSPKIDLAGSSLSGILDKDLSDRSNDIDLEGFDSVVSSTEKLSHPTTSRPKATGRR PPSQSLTSSSLSSPDIFDSPSPEEDKEEHISLAHRGVDASKKTSKTVTISQVSDNKASLPPKPGTMAAGG GGPAPLSSAVPSPLSSSLGTAGHRANSPSLFGTEGKPKMEPAASSQAAVEELRTQVRELRSIIETMKDQQ

KREIKQLLSELDEEKKIRLRLQMEVNDIKKALQSK

TRRLEQKLISEEDLAANDILDYKDDDDK**V**

Tag: C-Myc/DDK
Predicted MW: 72.9 kDa

Concentration:

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by

>0.05 µg/µL as determined by microplate BCA method

conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.





SH3KBP1 (NM_031892) Human Recombinant Protein - TP302186

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 114098

Locus ID: 30011

UniProt ID: <u>Q96B97</u>, <u>Q5JPT6</u>

RefSeq Size: 3348

Cytogenetics: Xp22.12
RefSeq ORF: 1995

Synonyms: AGMX2; CD2BP3; CIN85; GIG10; HSB-1; HSB1; IMD61; MIG18

Summary: This gene encodes an adapter protein that contains one or more N-terminal Src homology

domains, a proline rich region and a C-terminal coiled-coil domain. The encoded protein facilitates protein-protein interactions and has been implicated in numerous cellular

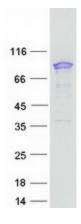
processes including apoptosis, cytoskeletal rearrangement, cell adhesion and in the regulation of clathrin-dependent endocytosis. Alternate splicing results in multiple transcript variants

encoding distinct isoforms. [provided by RefSeq, Jul 2017]

Protein Families: Druggable Genome

Protein Pathways: Endocytosis

Product images:



Coomassie blue staining of purified SH3KBP1 protein (Cat# TP302186). The protein was produced from HEK293T cells transfected with SH3KBP1 cDNA clone (Cat# [RC202186]) using MegaTran 2.0 (Cat# [TT210002]).