

Recombinant Human SH3KBP1, His-tagged

Cat. No. SH3KBP1-57H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SH3 Domain-Containing Kinase-Binding Protein 1/SH3KBP1 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Met1-Lys665) of Human SH3KBP1 fused with a 6His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-665 a.a.
Description	SH3 Domain-Containing Kinase-Binding Protein 1 (SH3KBP1) contains 3 SH3 domains. SH3KBP1 is widely expressed in many tissues, it is also expressed in some cancer cell lines. SH3KBP1 plays a role in the regulation of endocytosis and lysosomal degradation of ligand-induced receptor tyrosine kinases. SH3KBP1 is involved in regulation of ligand-dependent endocytosis of the IgE receptor and in the regulation of cellular stress response via the MAPK pathways. SH3KBP1 is also required for the control of cell shape and migration.
AA Sequence	MVEAIVEFDYQAQHDELITISVGEIITNIRKEDGGWWEGQINGRRGLFPDNFVREIKK EMKKDPL TNKAPEKPLHEVPSGNSLLSSETILRTNKRGERRRRRRCQVAFSYLPQND DELELKVGDIIEVVGE VEEGWWEGVLNGKTGMFPSNFIKELSGESDELGISQDEQL SKSSLRETTGSESDGGDSSSTKSEG ANGTVATAAIQPKVKVGVGFGDIFKDKPIKLR PRSIEVENDFLPVEKTIGKKLPATTATPDSSKT EMDSRTKSKDYCKVIFPYEAQNDD

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ELTIKEGDIVTLINKDCIDVGWWEGELNGRRGVFPDNFVKL LPPDFEKEGNRPKKPP
 PPSAPVIKQGAGTTERKHEIKKIPPERPEMLPNRTEEKERPEREPKLDL QKPSVPAIP
 PKKPRPPKTNSLSRPGALPPRRPERPVGPLTHTRGDSPKIDLAGSSLSGILDKDLS D
 RSNDIDLEGFDSVVSSTEKLSHPTTSRPKATGRRPPSQSLTSSSLSSPDIFDSPSPEE
 DKEEHI SLAHRGVDASKKTSKTVTISQVSDNKASLPPKPGTMAAGGGGPAPLSSAV
 PSPLSSSLGTAGHRA NSPSLFGTEGKPKMEPAASSQAAVEELRTQVRELRSIIETMK
 DQQKREIKQLLSELDEEKKIRLR LQMEVNDIKKALQSKVDHHHHHH

Endotoxin Less than 0.1 ng/μg (1 IEU/μg).

Purity Greater than 95% as determined by reducing SDS-PAGE.

GENE INFORMATION

Gene Name SH3KBP1 reserved [Homo sapiens]

Official Symbol SH3KBP1

Synonyms SH3KBP1; reserved;

Gene ID 94010

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