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Product datasheet for RC227989L4V

SH3BP2 (NM_001145855) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SH3BP2 (NM_001145855) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SH3BP2
Synonyms:	3BP-2; 3BP2; CRBM; CRPM; RES4-23
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001145855
ORF Size:	1767 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227989).
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_001145855.1, NP_001139327.1
RefSeq Size:	9139 bp
RefSeq ORF:	1770 bp
Locus ID:	6452
UniProt ID:	P78314
Cytogenetics:	4p16.3
Protein Families:	Druggable Genome
Protein Pathways:	Natural killer cell mediated cytotoxicity

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MW: 65.3 kDa

Gene Summary: The protein encoded by this gene has an N-terminal pleckstrin homology (PH) domain, an SH3-binding proline-rich region, and a C-terminal SH2 domain. The protein binds to the SH3 domains of several proteins including the ABL1 and SYK protein tyrosine kinases , and functions as a cytoplasmic adaptor protein to positively regulate transcriptional activity in T, natural killer (NK), and basophilic cells. Mutations in this gene result in cherubism. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]