

## Product datasheet for **TP710152**

### SH3GL2 (NM\_003026) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SH3-domain GRB2-like 2 (SH3GL2), full length, with C-terminal DDK tag, expressed in sf9, 20ug
Species:	Human
Expression Host:	Sf9
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC215806, encoding human full-length SH3GL2
Tag:	C-DDK
Predicted MW:	40
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, 100 mM glycine, pH 8.0, 10% glycerol
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.
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:	<a href="#">NP_003017</a>
Locus ID:	6456
UniProt ID:	<a href="#">Q99962</a> , <a href="#">Q7Z376</a>
RefSeq Size:	2540
Cytogenetics:	9p22.2
RefSeq ORF:	1056
Synonyms:	CNSA2; EEN-B1; SH3D2A; SH3P4



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**Summary:** Implicated in synaptic vesicle endocytosis. May recruit other proteins to membranes with high curvature. Required for BDNF-dependent dendrite outgrowth. Cooperates with SH3GL2 to mediate BDNF-NTRK2 early endocytic trafficking and signaling from early endosomes. [UniProtKB/Swiss-Prot Function]

**Protein Pathways:** Endocytosis

**Product images:**

