

Product datasheet for **TP312334M**

SHISA3 (NM_001080505) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human shisa homolog 3 (*Xenopus laevis*) (SHISA3), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone >RC212334 protein sequence

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

MRALLALCLLLGCLRWGPAGAQQSGEYCHGWVDVQGNHYHEGFQCPEDFDTLDATICCGSCALRYCCAAAD
ARLEQGGCTNDRRELEHPGITAQPVVYPFLIVGSIFIAFILGSVVAIYCCTCLRPKEPSQQPIRFSLRS
YQTETLPMILTSTSPRAPSRSSTATSSSSTGGSSIRRFSFARAEPGCLVSPPPPPTTSHSIHLAQPSGF
LVSPQYFAYPLQQEPPLPGKSCPDFSSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 25.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

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 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.

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_001073974](#)

Locus ID: 152573

UniProt ID: [A0PJX4](#)



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RefSeq Size: 1971

Cytogenetics: 4p13

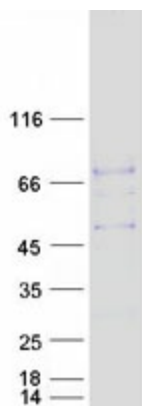
RefSeq ORF: 714

Synonyms: hShisa3

Summary: This gene encodes a single-transmembrane protein which is one of nine members of a family of transmembrane adaptors that modulate both WNT and FGF signaling by blocking the maturation and transport of their receptors to the cell surface. Members of this family contain an N-terminal cysteine-rich domain with a distinct cysteine pattern, a single transmembrane domain, and a C-terminal proline-rich, low complexity region. The encoded protein acts as a tumor suppressor by accelerating beta-catenin degradation. [provided by RefSeq, Jul 2017]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified SHISA3 protein (Cat# [TP312334]). The protein was produced from HEK293T cells transfected with SHISA3 cDNA clone (Cat# [RC212334]) using MegaTran 2.0 (Cat# [TT210002]).