



# Recombinant Protein Technical Manual

## Recombinant Human SHISA3 Protein (Fc Tag)

RPES0403

### Product Data:

**Product SKU:** RPES0403

**Size:** 20µg

**Species:** Human

**Expression host:** HEK293 Cells

**Uniprot:** AAI27691.1

### Protein Information:

**Molecular Mass:** 34.9 kDa

**AP Molecular Mass:**

**Tag:** C-Fc

**Bio-activity:**

**Purity:** >(13.6+78.2) % as determined by reducing SDS-PAGE. .

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation:** Lyophilized from sterile PBS, pH 7.4

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** hShisa3

## Immunogen Information:

**Sequence:** Met 1-Pro 98

## Background:

SHISA3 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.