

Recombinant Human SHISA3 Protein (Fc Tag)

Catalog No. PKSH030300

Note: Centrifuge before opening to ensure complete recovery of vial contents.

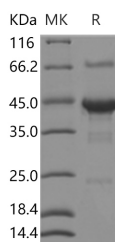
Description

Synonyms	hShisa3
Species	Human
Expression Host	HEK293 Cells
Sequence	Met 1-Pro 98
Accession	AAI27691.1
Calculated Molecular Weight	34.9 kDa
Tag	C-mFc
Bioactivity	Not validated for activity

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, 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 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 90 % as determined by reducing SDS-PAGE.

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

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transmembrane domain, and a C-terminal proline-rich, low complexity region. The encoded protein acts as a tumor suppressor by accelerating beta-catenin degradation.