Recombinant Human VSTM2A Protein (His Tag)

Catalog No.   PKSH033223

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

Description

Synonyms	V-set and transmembrane domain-containing protein 2A;VSTM2
Species	Human
Expression Host	HEK293 Cells
Sequence	Ser25-Phe244
Accession	AAH28404.1
Calculated Molecular Weight	25.5 kDa
Observed molecular weight	31-50 KDa
Tag	C-His
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℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 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
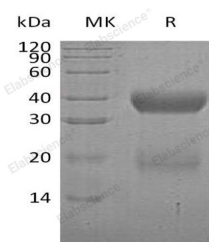
> 90 % as determined by reducing SDS-PAGE.

Background

VSTM2A, also called VSTM2, is short for V-set and transmembrane domain-containing protein 2A. It is a 236 aa. protein which can be departed into two parts. The first 24 aa. is a signal peptide, and the last is a V-set and transmembrane

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domain-containing protein 2A. There is a natural variant location which is E84K.