

Recombinant Human MFAP4 Protein (His Tag)

Catalog No. PKSH032754

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

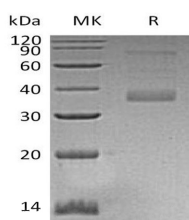
Description

Synonyms	Microfibril-associated glycoprotein 4
Species	Human
Expression Host	HEK293 Cells
Sequence	Val22-Ala255
Accession	AAH62415.1
Calculated Molecular Weight	27.5 kDa
Observed molecular weight	37 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 85 % 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 a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4. 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



> 85 % as determined by reducing SDS-PAGE.

Background

Microfibril-associated glycoprotein 4 (MFAP4) is a secreted protein and contains 1 fibrinogen C-terminal domain, similarity to a bovine microfibril-associated protein. The protein has binding specificities for both collagen and

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carbohydrate. It is thought to be an extracellular matrix protein which is involved in calcium-dependent cell adhesion or intercellular interactions. The gene is located within the Smith-Magenis syndrome region.