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Recombinant Human MFAP4

Catalog#:P00449 Derived from Human Cells

DESCRIPTION	Recombinant Human Microfibril-associated Glycoprotein 4 is produced by our Mammalian expression system and the target gene encoding Val22-Ala255 is expressed with a 6His tag at the C-terminus. **Accession#**: AAH62415.1 **Known as**: Microfibril-associated glycoprotein 4
FORMULATION	Lyophilized from a 0.2μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
SHIPPING	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
STORAGE	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
RECONSTITUTION	*Always centrifuge tubes before opening. Do not mix by vortex or pipetting.* *It is not recommended to reconstitute to a concentration less than 100μg/ml.* Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
QUALITY CONTROL	**Mol Mass**:27.5kDa **AP Mol Mass**:37kDa, reducing conditions. **Purity**: Greater than 85% as determined by reducing SDS-PAGE. **Endotoxin**: Less than 0.1ng/μg (1 EU/μg) as determined by LAL test.
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 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.

SDS-PAGE