

Microfibrillar-associated Protein 4 Human Recombinant

Item Number	rAP-3630
Synonyms	Microfibrillar-Associated Protein 4, Microfibril-Associated Glycoprotein 4.
Description	MFAP4 Human Recombinant produced in E. coli is a single polypeptide chain containing 259 amino acids (22-255) and having a molecular mass of 29.2 kDa. MFAP4 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P55083
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMVSGIR GDALERFCLQ QPLDCDDIYA QGYQSDGVYL IYPSGPSVPV PVFCDMTTEG GKWTVFQKRF NGSVSFFRGW NDYKLGFGRA DGEYWGLQN MHLLTLKQKY ELRVDLEDDE NNTAYAKYAD FSISPNAVSA EEDGYTLFVA GFEDGGAGDS LSYHSGQKFS TFDRDQDLFV QNCAALSSGA FWFRSCHFAN LNGFYLGGSH LSYANGINWA QWKGFYYSLK RTEMKIRRA
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The MFAP4 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**