

MFAP5 Protein, Human, Recombinant (hFc)

General Information

Synonyms:	MAGP2;AAT9;MAGP-2;MP25;MFAP-5
Protein Construction:	Ile22-Leu173
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q13361
Molecular Weight:	44.1 kDa (predicted). Due to glycosylation, the protein migrates to 36 kDa and 55-62 kDa based on Tris-Bis PAGE result.

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).

Preparation and Storage

Stability & Storage:

It is recommended to store the product under sterile conditions at -70°C or lower. Samples are stable for up to 12 months at -80°C. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein Background

Human basal-like breast cancer (BLBC) is an aggressive malignancy with poor prognosis. Since most current treatments are ineffective, there is an urgent need to identify therapeutic targets for BLBC. Microfibrillar-associated protein 5 (MFAP5) plays an important role in the integration of elastic microfibers and the regulation of endothelial cell behaviors. MFAP5 was significantly overexpressed in BLBC tissues and associated with poor metastasis-free survival of patients with BLBC.

Reference

Wu Y, et al. MFAP5 promotes basal-like breast cancer progression by activating the EMT program. Cell Biosci. 2019 Mar 7;9:24. doi: 10.1186/s13578-019-0284-0. PMID: 30899449; PMCID: PMC6407223.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481