

Recombinant Full Length Human EMP3 Protein, Flag tagged

Cat. No. EMP3-20HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein of human epithelial membrane protein 3 (EMP3) with Flag tag was expressed in HEK293T.
Species	Human
Source	HEK293T
ProteinLength	1-163 aa
Description	The protein encoded by this gene belongs to the PMP-22/EMP/MP20 family of proteins. The protein contains four transmembrane domains and two N-linked glycosylation sites. It is thought to be involved in cell proliferation, cell-cell interactions and function as a tumor suppressor. Alternative splicing results in multiple transcript variants.
AASequence	MSLLLLVVSALHILILILLFVATLDKSWWTLPGKESLNLWYDCTWNNDTKTWACSNVS ENGWLKAVQVLMVLSLILCCLSFILFMFQLYTMRRGGLFYATGLCQLCTSVAVFTGA LIYAIHAAEEILEKHPRGGSFGYCFALAWVAFPLALVSGIYIHLRKRETRTRPLEQKLIS EEDLAANDILDYKDDDDKV
Molecular Mass	18.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Note	For testing in cell culture applications, please filter before use. Note that you may

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experience some loss of protein during the filtration process.

Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Storage Buffer	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Concentration	>0.05 µg/µL as determined by microplate BCA method
Shipping	Dry ice

GENE INFORMATION

Gene Name	EMP3 epithelial membrane protein 3 (MAM blood group) [Homo sapiens (human)]
Official Symbol	EMP3
Synonyms	EMP3; epithelial membrane protein 3 (MAM blood group); YMP; epithelial membrane protein 3; EMP-3; HNMP-1; hematopoietic neural membrane protein 1
Gene ID	2014
mRNA Refseq	NM_001425
Protein Refseq	NP_001416
MIM	602335
UniProt ID	P54852

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