

## Family with Sequence Similarity 3, Member D Human Recombinant

<b>Item Number</b>	rAP-3297
<b>Synonyms</b>	Protein FAM3D, FAM3D, EF7, OIT1.
<b>Description</b>	FAM3D Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 26-224) containing 209 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 23.3kDa (calculated).
<b>Uniprot Accession Number</b>	Q96BQ1
<b>Amino Acid Sequence</b>	MKHHHHHHASYMSFSMKTIR LPRWLAASPT KEIQVKKYKC GLIKPCPANY FAFKICSGAA NVVGPTMCFE DRMIMSPVKN NVGRGLNIAL VNGTTGAVLG QKAFDMYSGD VMHLVKFLKE IPGGAL- VLVA SYDDPGTKMN DESRKLFDL GSSYAKQLGF RDSWVFIGAK DLRGKSPFEQ FLKNSPDTNK YEG- WPELLEM EGCMPKPF.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
<b>Formulation and Purity</b>	FAM3D filtered (0.4 µm) and lyophilized from 0.5mg/ml in 0.05M Acetate buffer pH-4.0. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to add 200µl of 0.1M Acetate buffer pH-4 to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely at 37°C. For conversion into higher pH value, we recommend intensive dilution by re
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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 ender users! This product is sold for **Research Use Only**