

Recombinant human Fam3D

Catalog F002

Lot A0019

product specification sheet: PS-F002



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Product description

Human Fam3D is a glycoprotein, glycan at asparagine 107, with a calculated molecular weight of 24.8 kDa. Human Fam3D has 71% sequence identity at the protein level with its mouse homolog OIT1 (product catalog O001). A specific function is unknown at the moment. It is expressed in the placenta, and is also found in salivary fluid.

Reference sequences: NM_138805
NP_620160
Swiss-prot Q96BQ1

Alternative names: family with sequence similarity 3 member D
Oncoprotein-induced transcript 1
OIT1
cytokine-like protein EF7

Gene ID: 121177

Residues 26-224 of human Fam3D were cloned, the protein was over-expressed in HEK293EBNA1 cells and was purified to homogeneity (figure 1). The calculated molecular weight of recombinant human Fam3D is 23.1 kDa and it contains an C-terminal hexahistidine tag. Each vial contains 100 µg Fam3D at a concentration of 0.9 mg/ml.

Storage and stability

Fam3D should be stored at - 80 °C (stable for at least 1 year). The buffer contains 25 mM Tris 150 mM NaCl pH 7.5 without preservative. After thawing it should be stored in appropriate small aliquots at - 20 °C or - 80 °C (stable for at least 2 months).

References

Journal of Proteome Research 2006, 5, 1493-1503

Genomics, 2002, 80 (2), 144-150

Sequence

mklsIvaamlllIlsaaragsymsfsmktirIprwlaasptkeiqvkkycglikpcpanyf
afkicsgaanvvgptmcfedrmimspvknvgrglnialvngttgavlgqkafdmys
gdvmhIvklfkeipggalvlvasyddpgtkmndesrklfsdlgssyakqlgrdswvfi
gakdlrgkspfeqflknsptdkyegwpellemegcmpkpfaaahhhhh*



Figure 1. NuPage analysis of purified Fam3D

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