

# Recombinant murine OIT1

Catalog O001

Lot A0018

product specification sheet: PS-O001



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## Product description

Murine OIT1 is a glycoprotein, glycan at asparagine 106, with a calculated molecular weight of 25.0 kDa. Murine OIT1 has 71% sequence identity at the protein level with its human homolog Fam3D (product catalog F002).

Reference sequences:	NM_146050 NP_666162 Swiss-prot P97805
Alternative names:	Oncoprotein induced protein 1 Fam3D Protein EF7
Gene ID:	18300

Residues 26-223 of murine OIT1 were cloned, the protein was over-expressed in HEK293EBNA1 cells and was purified to homogeneity (figure 1). The calculated molecular weight of recombinant murine OIT1 is 23.2 kDa and it contains an C-terminal hexahistidine tag. Each vial contains 100 µg OIT1 at a concentration of 2.3 mg/ml.

## Storage and stability

OIT1 should be stored at - 80 °C (stable for at least 1 year). The buffer contains PBS without preservative. After thawing it should be stored in appropriate small aliquots at - 20 °C or - 80 °C (stable for at least 2 months).

## Sequence

marplctlllmatlagalagsytsfsrktirlprwlgitpkdiqtpkskcgls  
skicpnffafkissgaanvvgpsmcfedeiimspvrnnvgrglnval  
vngstgqvmkkdsfdmysgdpqlllnflteipdstlvlsasyddpgtk  
mndkiktlfslngssyakqlgfrdswvfvgakdlkskspyeqflknp  
etnkydgwpellelegcvprkvmaaa**hhhhhh**\*

kDa

200

150

100

75

50

37.5

25

20

15

10

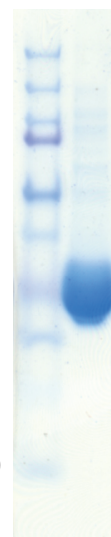


Figure 1. NuPage analysis of purified OIT1

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