Recombinant Full Length Human MITD1 Protein, C-Flag-tagged

Cat. No. MITD1-2159HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MITD1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Abscission, the separation of daughter cells at the end of cytokinesis, is effected by endosomal sorting complexes required for transport III (ESCRT-III). The protein encoded by this gene functions as a homodimer, with the N-termini binding to a subset of ESCRT-III subunits and the C-termini binding to membranes. The encoded protein regulates ESCRT-III activity and is required for proper cytokinesis. Several transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	29.1 kDa
AA Sequence	MAKSGLRQDPQSTAAATVLKRAVELDSESRYPQALVCYQEGIDLLLQVLKGTKDNT KRCNLREKISKYMD RAENIKKYLDQEKEDGKYHKQIKIEENATGFSYESLFREYLNE TVTEVWIEDPYIRHTHQLYNFLRFCEM LIKRPCKVKTIHLLTSLDEGIEQVQQSRGLQ EIEESLRSHGVLLEVQYSSSIHDREIRFNNGWMIKIGRG LDYFKKPQSRFSLGYCDF DLRPCHETTVDIFHKKHTKNI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

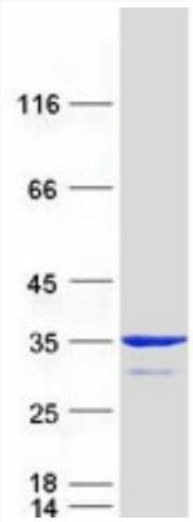
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	MITD1 microtubule interacting and trafficking domain containing 1 [Homo sapiens (human)]
Official Symbol	MITD1
Synonyms	domain containing 1; microtubule interacting and transport; MIT
Gene ID	129531
mRNA Refseq	NM_138798.3
Protein Refseq	NP_620153.1
UniProt ID	Q8WV92

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Coomassie blue staining of purified MITD1 protein.

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