

Product datasheet for PH319127

C1orf38 (THEMIS2) (NM_004848) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C1orf38 MS Standard C13 and N15-labeled recombinant protein (NP_004839)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219127
Predicted MW:	29.1 kDa
Protein Sequence:	>RC219127 protein sequence Red=Cloning site Green=Tags(s) MEPVPLQDFVRALDPASLPRVLRVCSGVYFEGSIYEISGNECCLSTGDLIKVTQVRLQKVVCCENPKTSQT MELAPNFQGYFTPLNTPQSYETLEELVSATTQSSKQLPTCFMSTHRIVTEGRVVTEDQLLMLEAVVMHLG IRSARCVLGMEGQQVILHLPLSQKGPFWTWEPSAPRTLLQVLQDPALKDLVLTCPPLPWHSILRPQYEI QAIMHIFSSLRIAATRSAAQTQGEDLARVHQGWLYVYVQDSCPQEGPQAR TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_004839
RefSeq Size:	1651
RefSeq ORF:	783
Synonyms:	C1orf38; ICB-1; ICB1
Locus ID:	9473
UniProt ID:	Q5TEJ8

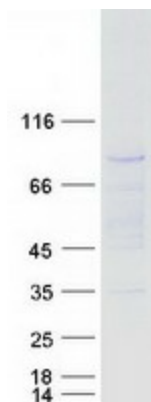


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Cytogenetics: 1p35.3

Summary: May constitute a control point in macrophage inflammatory response, promoting LPS-induced TNF production.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified THEMIS2 protein (Cat# [TP319127]). The protein was produced from HEK293T cells transfected with THEMIS2 cDNA clone (Cat# [RC219127]) using MegaTran 2.0 (Cat# [TT210002]).