

Product datasheet for **TP312766M**

BRME1 (NM_024323) Human Recombinant Protein

Product data:

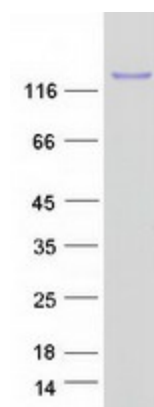
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 19 open reading frame 57 (C19orf57), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212766 protein sequence Red =Cloning site Green =Tags(s)
	<p>MTKRKKLRTSGEGLCPPKPLKNPRLGDFYGDQPQSSMLGCLHHPEEPEGKLGVPVSTQQHGEEP GKAVSS S PDEETGSPCRLLRQPEKEPAPLPSPQNSFGRFVPQFAKSRKTVTRKEEMKDEDRGSGAFSLETIAESSAQ SPGCQLLVETLGVPLQEATELGDPTQADSARPEQSSQSPVQAVPGSGDSQPDDPPDRGTGLSASQRASQ D HLSEQGADDSKPETDRVPGDGGQKEHLPSIDSEGEKPDRGAPQEGGAQRTAGAGLPGGPQEEGDGVPCT P ASAPTS GPAPGLGPASWCLEPGSVAQGSPDPQQTPSRMGREGEGTHSSLGCSLGMVVIADLSTDPTELE ERALEVAGPDGQASAI SPASPRRKAADGGHRRALPGCTSLTGETTGESGEAGQDGKPPGDVLVGPTASLA LAPGSGESMMGAGDSGHASPDTPGCVNQKQEPGPAQEEAELGGQNLERDLEGFRVSPQASVVLEHREIA D EPLQEPGAQQGIPDTTSELAGQRDHLPHSADQGTWADSLAVELDFLLDSQIQDALDASDFEAPPEQLFPS GNKPGPCWPGPSSHANGDPVAVAKAQPSRLIMGTHRDLEAFKRLNYRKT KLGGKAPLPYPSKGP GNIPR G DPPWREL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	66 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_077299</u>
Locus ID:	79173
UniProt ID:	<u>Q0VDD7</u>
RefSeq Size:	2420
Cytogenetics:	19p13.12
RefSeq ORF:	1911
Synonyms:	C19orf57; MEIOK21
Summary:	Meiotic recombination factor component of recombination bridges involved in meiotic double-strand break repair. Modulates the localization of recombinases DMC1:RAD51 to meiotic double-strand break (DSB) sites through the interaction with and stabilization of the BRCA2:HSF2BP complex during meiotic recombination. Indispensable for the DSB repair, homologous synapsis, and crossover formation that are needed for progression past metaphase I, is essential for spermatogenesis and male fertility.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified C19orf57 protein (Cat# [TP312766]). The protein was produced from HEK293T cells transfected with C19orf57 cDNA clone (Cat# [RC212766]) using MegaTran 2.0 (Cat# [TT210002]).