

Product datasheet for TP522786

Baat1 (NM_172724) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse BRCA1-associated ATM activator 1 (Baat1), transcript variant 1, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222786 representing NM_172724 Red=Cloning site Green=Tags(s)

MDPECSRLLPALCAVLADPRQLVADDDTCLEKLLDWFKTVTEAESSLQLLQDHPCLMELLSHVLKPQDVSP
RVLSFALRLVGVFAAQEDCFEYLQQGELLGLFGESGAPGWAAWSIPSVRSGWIQGLCYLAHHPALHFL
ADSGAVDTLFLSQGDPSLFFVSAASQLLVHILALSMQGGAPGSPVEAAAWPMCAQKIVNHVDESLHAKA
TPQVTQALNVLTTFGRCHNPWTGVLWERLSPPVARLFRDPIPAVHALMDLLSVARSPVLNFAACGLW
EMLAQTLRSLPIQAGPLALGTLKLQHCPELRTQAFGVLLQPLACILKATTQAPGPPGLLDGTVGSLT
VDILLASKSACVGLLCQTLAHLLEELQMLPQCPSWPVHLLQAALTILHLCDGSADPSSSAGGRLCGTLG
GCVRVQRAALDFLGTLSQGTSPLELVLEFVAVLLKTLESPESSPMVLKKAFAQATLRWLQNPHTPSSSDL
SSDALLFLGELFPILQKRLCSPCWEVRDSALEFLTHLRHWGGQADFREALRSSEVPTLALQLLQDPESY
VRASAVGAAGQLSSQGLQAAPASPENSQAQVDTGSW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	141.4 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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Locus ID: 231841

UniProt ID: [Q8C3R1](#)

RefSeq Size: 3856

Cytogenetics: 5 G2

RefSeq ORF: 1791

Synonyms: AA881470; Brat1

Summary: A similar gene in human encodes a Breast Cancer 1 (BRCA1) interacting protein that is involved in cell cycle checkpoint signaling. The similar human protein is localized to DNA double strand breaks caused by ionizing radiation, and regulates cellular DNA damage response through interactions with Ataxia Telangiectasia Mutated (ATM) and DNA-dependent Protein Kinase. A pseudogene of this gene is located on chromosome 3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]