

Product datasheet for PH319255

BAT3 (BAG6) (NM_001098534) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BAT3 MS Standard C13 and N15-labeled recombinant protein (NP_001092004)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219255
Predicted MW:	118.7 kDa
Protein Sequence:	>RC219255 protein sequence Red=Cloning site Green=Tags(s)

MEPNDSTSTAVEEPDSLEVLVKTLDSQTRTFIVGAQMNVKEFKEHIAASVSIPSEKQRLIYQGRVLQDDK
KLQEYNVGGKVIHLVERAPPQTHLPSGASSGTGSASATHGGGSPPGTRPGASVHDRNANSYVMVGTFFNL
PSDGSADVHINMEQAPIQSEPRVRLVMAQHMIRDIQTLLSRMECRGGPQPQHSQPPPQPPAVTPEPV
SSQTSEPVSEAPPREPMEAEVEERAPAQNPELTPGPAPAGPTPAPETNAPNHPSPAEYVEVLQELQRL
ESRLQPFLQRYEVLGAAATTDYNNHGREEDQRLINLVGSLRLLGNTFVALSDLRCNLACTPPRHLH
VVRPMSHYTTPMVLQAAIPIQINVTMTGNGTRPPPTPNAEAPPPGPGQASSVAPSSNVESSAEG
APPPGPAPPATSHPRVIRISHQSVPEVMMHMNIQDSGTQPGGVP SAPTGPLGPPGHGQTLGQQVPGFP
TAPTRVVIARPTPPQARPSHPGGPPVSGTLQAGLGTNASLAQMVSGLVGQLMQPVLVAQGTGPMAPP
APATASASAGTTNTATTAGPAPGGPAQPPPTPQPSMADLQFSQLLGNLLGPAGPGAGGSGVASPTITVAM
PGVPAFLQGMDFLQATQTAPPPPPPPPPPPAPEQQTMPPPGSPSGGAGSPGGGLGLESLSPEFFT SVVQ
GVLSSLLGSLGARAGSSEIAAFIQRLSGSSNIFEPGADGALGFFGALLSLLCQNF SMVDVVMLLHGHFQ
PLQRLQPQLRSFFHQHYLGGQEPTPSNIRMATHTLITGLEEYVRESFSLVQVQPGVDIIRTNLEFLQE
NSIAAHVLHCTDSGFARLLELCNQGLFECLALNLHCLGGQOMELAAVINGRIRRMRSRVNPSLVS
WLTMMGLRLQVVLEHMPVGPDAILRYVRRVGDPPQPLPEEPMEVQGAERASPEPQRENAS
PAGTTAEAMSRGPPPAPEGGRDEQDGASAEETPWAAPPEWVPIIQDDIQSQRKVKPQPPLSDAYL
SGMPAKRRKTMQGEQPQLLLSEAVSRAAKAAGARPLTSPESLSDLEAPEVQESYRQQLRSDIQKRL
QEDPNYSPQRF PNAQR AFADDP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

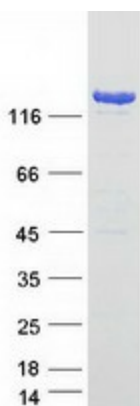
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3



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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_001092004
RefSeq Size:	3660
RefSeq ORF:	3378
Synonyms:	BAG-6; BAT3; D6S52E; G3
Locus ID:	7917
UniProt ID:	P46379 , A0A1U9X7A6
Cytogenetics:	6p21.33
Summary:	This gene was first characterized as part of a cluster of genes located within the human major histocompatibility complex class III region. This gene encodes a nuclear protein that is cleaved by caspase 3 and is implicated in the control of apoptosis. In addition, the protein forms a complex with E1A binding protein p300 and is required for the acetylation of p53 in response to DNA damage. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Stem cell - Pluripotency

Product images:



Coomassie blue staining of purified BAG6 protein (Cat# [TP319255]). The protein was produced from HEK293T cells transfected with BAG6 cDNA clone (Cat# [RC219255]) using MegaTran 2.0 (Cat# [TT210002]).