

Product datasheet for PH304804

BAP31 (BCAP31) (NM_005745) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BCAP31 MS Standard C13 and N15-labeled recombinant protein (NP_005736)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204804
Predicted MW:	28 kDa
Protein Sequence:	>RC204804 protein sequence Red=Cloning site Green=Tags(s) MSLQWTAVATFLYAEV FVLLLCIPFISPKRWQKIFKSRLVELLVSYGNTFFVVLIVILVLLVIDAVREI REYDDVTEKVN LQNNPGAMEHFHMKLFRAQRNLYIAGFSLLL SFLLRRLVTLISQQATLLASNEAFKKQA ESASEAAKKYMEENDQLKKGAAVDGGKLDVGNAEVKLEENRSLKADLQKLKDELASTKQKLEKAENQVL AMRKQSEGLTKEYDRLL EEHAKLQAAVDGPMDDKKEE 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_005736
RefSeq Size:	1417
RefSeq ORF:	738
Synonyms:	6C6-AG; BAP31; CDM; DDCH; DXS1357E
Locus ID:	10134
UniProt ID:	P51572



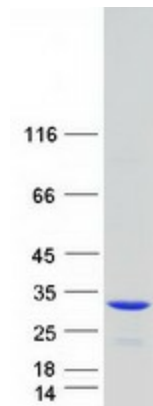
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Cytogenetics: Xq28

Summary: This gene encodes a member of the B-cell receptor associated protein 31 superfamily. The encoded protein is a multi-pass transmembrane protein of the endoplasmic reticulum that is involved in the anterograde transport of membrane proteins from the endoplasmic reticulum to the Golgi and in caspase 8-mediated apoptosis. Microdeletions in this gene are associated with contiguous ABCD1/DXS1375E deletion syndrome (CADD5), a neonatal disorder. Alternative splicing of this gene results in multiple transcript variants. Two related pseudogenes have been identified on chromosome 16. [provided by RefSeq, Jan 2012]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified BCAP31 protein (Cat# [TP304804]). The protein was produced from HEK293T cells transfected with BCAP31 cDNA clone (Cat# [RC204804]) using MegaTran 2.0 (Cat# [TT210002]).