

Recombinant Human BCAP31 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. BCAP31-1674H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	BCAP31 MS Standard C13 and N15-labeled recombinant protein (NP_005736) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	28 kDa
AA Sequence	MSLQWTAVATFLYAIEVFVLLLCIPFISPKRWQKIFKSRLVELLVSYGNTFFVVLIVILV LLVIDAVREIREYDDVTEKVNQLQNNPGAMEHFHMKLFRAQRNLYIAGFSLLSFLLRR LVTLSQQATLLASNEAFKKQAESASEAAKKYMEENDQLKKGAAVDGGKLDVGNAE VKLEENRSLKADLQKLKDELASTKQKLEKAENQVLAMRKQSEGLTKEYDRLLLEEHA KLQAAVDGPMDDKKEETRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	BCAP31 B-cell receptor-associated protein 31 [Homo sapiens (human)]
Official Symbol	BCAP31
Synonyms	BCAP31; B-cell receptor-associated protein 31; 6C6 Ag; BAP31; CDM; DXS1357E; p28 Bap31; BCR-associated protein Bap31; 6C6-AG tumor-associated antigen; 6C6-AG;
Gene ID	10134
mRNA Refseq	NM_005745
Protein Refseq	NP_005736
MIM	300398
UniProt ID	P51572

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