

Product datasheet for PH303745

BTN2A1 (NM_078476) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BTN2A1 MS Standard C13 and N15-labeled recombinant protein (NP_510961)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203745
Predicted MW:	37.9 kDa
Protein Sequence:	>RC203745 protein sequence Red =Cloning site Green =Tags(s) MESAAALHFSRPASLLLLLLSLCALVSAQFIVVGPDPILATVGENTTLRCHLSPEKNAEDMEVRFWSQ FSPAVFVYKGGRETEEQMEEYRGRITTFVSKDISRGSVALVIHNITAQENGTYRCYFQEGRSYDEAILHL VYAGLGSKPLISMRGHEDGGIRLECSIRGWYPKPLTVWRDPYGGVAPALKEVSMPDADGLFMVTTAVIIR DKSVRNMSCSINNTLLGQKESVIFIPESFMPVSPCAVALPIIVVILMPIAVCIYWINKLQKEKKILS GEKEFERETREIALKELEKERVQKEELQVKEKLQEELRWRRTFLHAELQFFSN 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
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_510961
RefSeq Size:	3186
RefSeq ORF:	1002
Synonyms:	BK14H9.1; BT2.1; BTF1; BTN2.1; DJ3E1.1
Locus ID:	11120



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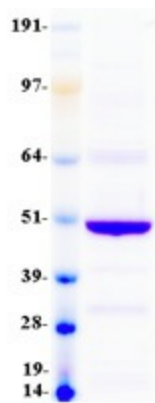
UniProt ID: [Q7KYR7](#)

Cytogenetics: 6p22.2

Summary: This gene encodes a member of the immunoglobulin superfamily. The gene is located in a cluster of butyrophilin-like genes in the juxta-telomeric region of the major histocompatibility complex on chromosome 6. A pseudogene of this gene has been identified in this cluster. The encoded protein is an integral plasma membrane protein involved in lipid, fatty-acid, and sterol metabolism. Alterations in this gene may be associated with several disease states including metabolic syndrome. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2013]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified BTN2A1 protein (Cat# [TP303745]). The protein was produced from HEK293T cells transfected with BTN2A1 cDNA clone (Cat# [RC203745]) using MegaTran 2.0 (Cat# [TT210002]).