

Recombinant Human BTN2A1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. BTN2A1-6218H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	BTN2A1 MS Standard C13 and N15-labeled recombinant protein (NP_510961) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	37.9 kDa
AA Sequence	MESAAALHFSRPASLLLLLLSLCALVSAQFIVVGPTDPILATVGENTTLRCHLSPEKNA EDMEVRWFRSQFSPA VFVYKGGRRERTEEQMEEYRGRTTFVSKDISRGSVALVIHNI TAQENGTYRCYFQEGRSYDEAILHLVVAGLGSKPLISMRGHEDGGIRLECISRGWYP KPLTVWRDPYGGVAPALKEVSMPDADGLFMVTTAVIIRDKSVRNMSCSINNTLLGQK KESVIFIPESFMPSVSPCAVALPIIVVILMIPIAVCIYWINKLQKEKKILSGEKEFERETRE

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	IALKELEKERVQKEEELQVKEKLQEELRWRRTFLHAELQFFSNTRTRPLEQKLISEED LAANDILDYKDDDDKV
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	BTN2A1 butyrophilin subfamily 2 member A1 [Homo sapiens (human)]
Official Symbol	BTN2A1
Synonyms	BTN2A1; butyrophilin, subfamily 2, member A1; butyrophilin subfamily 2 member A1; BT2.1; BTF1; butyrophilin BTF1; DJ3E1.1; BK14H9.1; FLJ36567;
Gene ID	11120
mRNA Refseq	NM_078476
Protein Refseq	NP_510961
MIM	613590

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UniProt ID

Q7KYR7

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