

Recombinant Human BTN1A1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. BTN1A1-2826H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	BTN1A1 MS Standard C13 and N15-labeled recombinant protein (NP_001723) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Butyrophilin is the major protein associated with fat droplets in the milk. It is a member of the immunoglobulin superfamily. It may have a cell surface receptor function. The human butyrophilin gene is localized in the major histocompatibility complex (MHC) class I region of 6p and may have arisen relatively recently in evolution by the shuffling of exons between 2 ancestral gene families
Molecular Mass	58.8 kDa
AA Sequence	MAVFPSSGLPRCLLTLLQLPKLDSAPFDVIGPPEPILAVVGEDAELPCRLSPNASAE HLELRWFRKKVSPAVLVHRDGREQEAEQMPEYRGRATLVQDGIAGRVALRIRGVR VSDDGEYTCFFREDGSYEEALVHLKVAALGSDPHISMQVQENGEICTESVGVWYP EPQVQWRTSKGEKFPSTSES RNPDEEGLFTVAASVIIRDTSTKNVSCYIQNLLLGQE KKVEISIPASSLPRLTPWIVAVAVILMVLGLLTIGSIFFTWRLYNERPRERRNEFSSKER LLEELKWKKATLHAVDVTLDPDTAHPHFLYEDSKSVRLEDSRQKLPEKTERFDSWP CVLGRETFTSGRHYWEVEVGDRDWAIGVCRENVMMKKGFDPMTPENGFWAVELY GNGYWALTPLRTPLPLAGPPRRVGIFLDYESGDISFYNMNDGSDIYTFSNVTFSGPL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RPFFCLWSSGKKPLTICPIADGPERVTVIANAQDLSKEIPLSPMGEESAPRDADTLHS
KLIPTQPSQGAPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 [BTN1A1 butyrophilin subfamily 1 member A1 \[Homo sapiens \(human\) \]](#)

Official Symbol [BTN1A1](#)

Synonyms BTN1A1; butyrophilin, subfamily 1, member A1; BTN; butyrophilin subfamily 1 member A1; BT; bK14H9.2 (butyrophilin, subfamily 1, member A1);

Gene ID [696](#)

mRNA Refseq [NM_001732](#)

Protein Refseq [NP_001723](#)

MIM [601610](#)

 Tel: 1-631-559-9269 1-516-512-3133

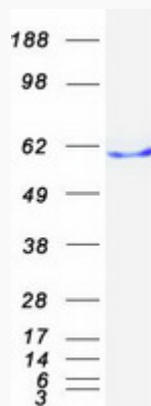
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q13410

SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA