

Recombinant Human BTN1A1 Protein, GST-tagged

Cat. No. BTN1A1-390H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BTN1A1 full-length ORF (AAH96312.1, 1 a.a. - 526 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	85.4 kDa
AA Sequence	MAVFPSSGLPRCLLTLILLQLPKLDSAPFDVIGPPEPILAVVGEDAELPCRLSPNASAE HLELRWFRKKVSPAVLVHRDGREQEAEQMPEYRGRATLVQDGIAGKGRVALRIRGVR VSDDGEYTCFFREDGSYEEALVHLKVAALGSDPHISMQVQENGEICLECTSVGWYP EPQVQWRTSKGEKFPSTSESRNPDEEGLFTVAASVIIRDTSAKNVSCYIQNLLLGQE KKVEISIPASSLPRLTPWIVAVAVILMVLGLLTIGSIFFTWRLYNERPRERRNEFSSKER LLEELKWKKATLHAVDVTLPDPTAHPHFLFYEDSKSVRLEDSRQKLPEKTERFDSWP CVLGRETFTSGRHYWEVEVGDRTDWAIGVCRENVMMKKGFDPMPENGFWAVELY GNGYWALTPLRTPLPLAGPPRRVGIFLDYESGDISFYNMNDGSDIYTFSSNVTFSGPL

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RPFFCLWSSGKKPLTICPIADGPERVTVIANAQDLSKEIPLSPMGEDSAPRDADTLHS
KLIPTQPSQGAP

Quality Control Test 12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [BTN1A1 butyrophilin, subfamily 1, member A1 \[Homo sapiens \]](#)

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](#)

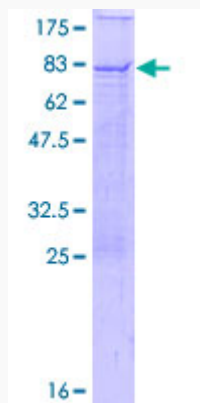
MIM [601610](#)

UniProt ID [Q13410](#)

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