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 HLELRWFRKKVSPAVLVHRDGREQEAEQMPEYRGRATLVQDGIAKGRVALRIRGVR VSDDGEYTCFFREDGSYEEALVHLKVAALGSDPHISMQVQENGEICLECTSVGWYP EPQVQWRTSKGEKFPSTSESRNPDEEGLFTVAASVIIRDTSAKNVSCYIQNLLLGQE KKVEISIPASSLPRLTPWIVAVAVILMVLGLLTIGSIFFTWRLYNERPRERRNEFSSKER LLEELKWKKATLHAVDVTLDPDTAHPHLFLYEDSKSVRLEDSRQKLPEKTERFDSWP CVLGRETFTSGRHYWEVEVGDRTDWAIGVCRENVMKKGFDPMTPENGFWAVELY GNGYWALTPLRTPLPLAGPPRRVGIFLDYESGDISFYNMNDGSDIYTFSNVTFSGPL

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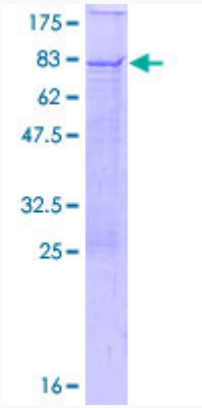
	RPFFCLWSSGKKPLTICPIADGPERVTVIANAQDLSKEIPLSPMGEDSAPRDADTLHS KLIPTQPSQGAP
Quality Control Test	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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