

Recombinant Human BTN1A1 Protein, GST-tagged

Cat. No. BTN1A1-810H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BTN1A1(Ala27-Arg242) fused with GST tag at N-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	27-242 a.a.
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	Lyophilized from a 0.2 M filtered solution of 20mM Phosphate buffer, 150mM NaCl, pH 7.2. Stable for at least 6 months from date of receipt under proper storage and handling conditions.
Molecular Mass	25 kDa
Endotoxin	< 0.1 EU per g protein as determined by LAL test
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

 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

Concentration Resuspend the protein to the desired concentration in proper 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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