

Recombinant Human BTN2A2, GST-tagged

Cat. No. BTN2A2-10327H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human BTN2A2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

Species Human

Source E.coli

ProteinLength 281-523a.a.

Description Butyrophilin is the major protein associated with fat droplets in the milk. This gene is a member of the BTN2 subfamily of genes, which encode proteins belonging to the butyrophilin protein family. The gene is located in a cluster on chromosome 6, consisting of seven genes belonging to the expanding B7/butyrophilin-like group, a subset of the immunoglobulin gene superfamily. The encoded protein is a type I receptor glycoprotein involved in lipid, fatty-acid and sterol metabolism. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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Gene Name	BTN2A2 butyrophilin, subfamily 2, member A2 [Homo sapiens]
Official Symbol	BTN2A2
Synonyms	BT2A2_HUMAN; BTF2; BTN2A2; butyrophilin 2; Butyrophilin subfamily 2 member A2;
Gene ID	10385
mRNA Refseq	NM_001197237.1
Protein Refseq	NP_001184166.1
MIM	613591
UniProt ID	Q8WVV5
Chromosome Location	6p22.1

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