

Recombinant Human BTN1A1 protein(Met1-Arg242), His&Avi-tagged, Biotinylated

Cat. No. BTN1A1-7783H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human BTN1A1 protein(Met1-Arg242), fused with C-terminal His tag and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Arg242
similar	BTN1A1
Alias	BTN1A1; butyrophilin, subfamily 1, member A1; BTN; butyrophilin subfamily 1 member A1; BT; bK14H9.2 (butyrophilin, subfamily 1, member A1);
Conjugate	C-His&Avi
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The recombinant human BTN1A1 consists of 242 amino acids and predicts a molecular mass of 27.20 kDa. It migrates as an approximately 36.09 kDa band in SDS-PAGE under reducing conditions.

 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

Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE. > 90 % as determined by SEC-HPLC.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneName	BTN1A1 butyrophilin, subfamily 1, member A1 [Homo sapiens]
GeneNameWeblink	696
OfficialSymbol	BTN1A1
OfficialSymbolWeblink	696
GenelD	696
GenelDWeblink	696
mRNARefseq	NM_001732
mRNARefseqWeblink	NM_001732.2
ProteinRefseqWeblink	NP_001723.2
MIMWeblink	601610

UniProtID	Q13410
UniProtIDWeblink	Q13410
Conjugation	Biotin

GENE INFORMATION

Synonyms	BTN1A1; butyrophilin, subfamily 1, member A1; BTN; butyrophilin subfamily 1 member A1; BT; bK14H9.2 (butyrophilin, subfamily 1, member A1);
MIM	601610

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