

Recombinant Human BTN3A1 Protein (30-254 aa), His-SUMO-tagged

Cat. No. BTN3A1-363H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human BTN3A1 Protein (30-254 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Immunology. Protein Description: Partial.

Species Human

Source E.coli

ProteinLength 30-254 aa

Description Plays a role in T-cell activation and in the adaptive immune response. Regulates the proliferation of activated T-cells. Regulates the release of cytokines and IFNG by activated T-cells. Mediates the response of T-cells toward infected and transformed cells that are characterized by high levels of phosphorylated metabolites, such as isopentenyl pyrophosphate.

Form Tris-based buffer, 50% glycerol

Molecular Mass 40.2 kDa

AA Sequence
 QFSVLGSPGPILAMVGEDADLPCHLFPTMSAETMELKWVSSSLRQVVNVYADGKEV
 EDRQSAPYRGRSILRDGITAGKAALRIHNVTASDSGKYLCYFQDGDGFYEKALVELK
 VAALGSDLHVDVKGYKDGGIHLECRSTGWYPQPQIQWSNNGENIPTVEAPVVADG
 VGLYAVAASVIMRGSSGEGVSCTIRSSLLGLEKTASISIAADPFFRSAQRWIAALAG

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

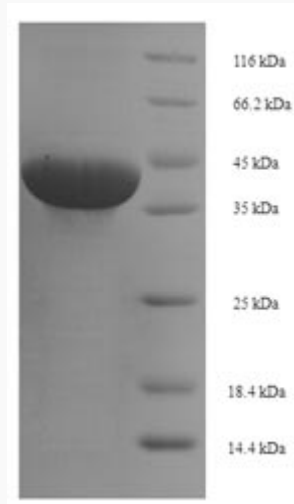
GENE INFORMATION

Gene Name	BTN3A1 butyrophilin, subfamily 3, member A1 [Homo sapiens]
Official Symbol	BTN3A1
Synonyms	BTN3A1; BT3.1; BTF5; CD277; MGC141880;
Gene ID	11119
mRNA Refseq	NM_001145008
Protein Refseq	NP_001138480
MIM	613593
UniProt ID	O00481

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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