

Product datasheet for **TP301183**

BTN3A2 (NM_007047) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human butyrophilin, subfamily 3, member A2 (BTN3A2), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC201183 protein sequence
Red=Cloning site **Green**=Tags(s)

MKMASSLAFLLLNHFVSLLLVQLLTPCSAQFVSLGPSGPILAMVGEDADLPCHLFPTMSAETMELKWVSS
SLRQVNVYADGKEVEDRQSAPYRGRTSILRDGITAGKAALRIHNVTASDSGKYLCYFQDGDGFYEKALVE
LKVAALGSNLHVEVKGYEDGGIHLRCRSTGWYPQPQIQWSNAKGENIPAVEAPVADGVGLYEVAASVIM
RGGSGEGVSCIIRNSLLGLEKTASISIADPFFRSAQPWIAALAGTLPILLLLLAGASYFLWRQKEITAL
SSEIESEQEMKEMGYAATEREISLRESLQEELKRKKIQYLTRGEESSDTNKSA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 33.2 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_008978](#)

Locus ID: 11118



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UniProt ID: [P78410](#), [A8K4B5](#)

RefSeq Size: 3776

Cytogenetics: 6p22.2

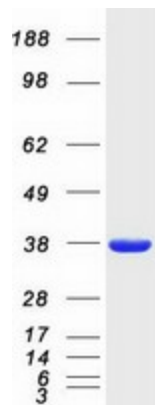
RefSeq ORF: 1005

Synonyms: BT3.2; BTF4; BTN3.2; CD277

Summary: This gene encodes a member of the immunoglobulin superfamily, which resides in the juxta-telomeric region of the major histocompatibility class 1 locus and is clustered with the other family members on chromosome 6. The encoded protein may be involved in the adaptive immune response. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2013]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified BTN3A2 protein (Cat# TP301183). The protein was produced from HEK293T cells transfected with BTN3A2 cDNA clone (Cat# [RC201183]) using MegaTran 2.0 (Cat# [TT210002]).