

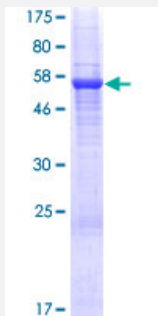
Full-Length

BTN3A2 (Human) Recombinant Protein (P01)

Catalog # H00011118-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human BTN3A2 full-length ORF (NP_008978.2, 1 a.a. - 334 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKMASSLAFLLLNFHVSLLLQLLTPCSAQFSVLGSPGPILAMVGEDADLPCHLFPTMSAETMEL
KVVSSSLRQVVNVYADGKEVEDRQSAPYRGRTSILRDGITAGKAALRIHNVASDSGKYLCYFQD
GDFYEKALVELKVAALGSNLHVEVKGIEDGGIHLERSTGWYPQPQIQWSNAKGENIPAVEAPV
VADGVGLYEVAASVIMRGGSGEGVSCIIRNSLLGLEKTASISADPFFRSAQPWIAALAGTLPILLLL
AGASYFLWRQQKEITALSSEIESEQEMKEMGYAATEREISLRESLQEELKRKKIQYLTRGEESDD
TNKSA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

62.8

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BTN3A2

Entrez GeneID [11118](#)

GeneBank Accession# [NM_007047.3](#)

Protein Accession# [NP_008978.2](#)

Gene Name BTN3A2

Gene Alias BT3.2, BT3.3, BTF4

Gene Description butyrophilin, subfamily 3, member A2

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the immunoglobulin superfamily, containing two Ig domains with similarity to Ig variable and Ig constant domains. The gene resides in the juxta-telomeric region of the major histocompatibility class 1 locus on chromosome 6 in the seven member BTN cluster, which includes butyrophilin, and three members each of the BTN2 and BTN3 subfamilies. Alternatively spliced transcript variants have been described but their full-length nature has yet to be determined. [provided by RefSeq]

Other Designations OTTHUMP00000016164|OTTHUMP00000016165|OTTHUMP00000195579|butyrophilin protein

Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Neuroblastoma](#)
- [Schizophrenia](#)