

## Recombinant Human BTN3A2 Protein, GST-tagged

Cat. No. BTN3A2-395H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human BTN3A2 full-length ORF ( NP_008978.2, 1 a.a. - 334 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	62.8 kDa
<b>AA Sequence</b>	MKMASSLAFLLLNHFVSLLLVQLLTPCSAQFVSLGSPGILAMVGEDADLPCHLFPT MSAETMELKWWSSSLRQVVNVYADGKEVEDRQSAPYRGRSILRDGITAGKAALRI HNVTASDSGKYLCYFQDGFYEKALVELKVAALGSNLHVEVKGYEDGGIHLERST GWYPQPQIQWSNAKGENIPAVEAPVVADGVGLYEVAASVIMRGGSGEGVSCIIRNS LLGLEKTASISADPFFRSAQPWIAALAGTLPILLLLLAGASYFLWRQQKEITALSSEIE SEQEMKEMGYAATEREISLRESLQEELKRKKIQYLTRGEESSSDTNKSA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Quality Control Test</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

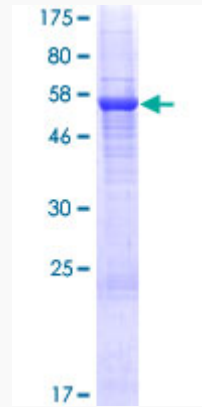
## GENE INFORMATION

<b>Gene Name</b>	BTN3A2 butyrophilin, subfamily 3, member A2 [ Homo sapiens ]
<b>Official Symbol</b>	BTN3A2
<b>Synonyms</b>	BTN3A2; butyrophilin, subfamily 3, member A2; butyrophilin subfamily 3 member A2; butyrophilin protein; BTF4; BT3.2; BT3.3; FLJ40011;
<b>Gene ID</b>	11118
<b>mRNA Refseq</b>	NM_001197246
<b>Protein Refseq</b>	NP_001184175
<b>MIM</b>	613594
<b>UniProt ID</b>	P78410

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