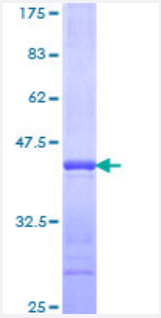
BRDG1 (Human) Recombinant Protein (Q01)

Catalog # H00026228-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human BRDG1 partial ORF (NP_036240, 186 a.a. - 293 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EATEMLQKNPSLGNMILRPGSDSRNYSITIRQEIDIPRIKHYKVMSVGQNYTIELEKPVTLPNLFSVIDY FVKETRGNLRPFICSTDENTGQEPSMEGRSEKLKKNPH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.62
Interspecies Antigen Sequence	Mouse (83); Rat (84)
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 — STAP1

Entrez GeneID	26228
GeneBank Accession#	NM_012108
Protein Accession#	NP_036240
Gene Name	STAP1
Gene Alias	BRDG1, STAP-1
Gene Description	signal transducing adaptor family member 1
Omim ID	604298
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene functions as a docking protein acting downstream of Tec tyrosine kinase in B cell antigen receptor signaling. The protein is directly phosphorylated by Tec in vitro where it participates in a postive feedback loop, increasing Tec activity. [provided by RefSeq
Other Designations	BCR downstream signaling 1|OTTHUMP00000159640|signal-transducing adaptor protein-1

Disease

- Parkinson disease
- Tobacco Use Disorder