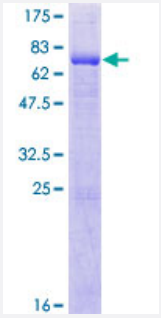
Full-Length

BBS5 (Human) Recombinant Protein (P01)

Catalog # H00129880-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human BBS5 full-length ORF (NP_689597.1, 1 a.a. - 341 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSVLDALWEDRDVRFDLSAQQMKTRPGEVLIDCLDSIEDTKGNNGDRGRLLVTNLRILWHSLALS RVNVSVGYNCILNITTRTANSKLRGQTEALYILTKCNSTRFEFIFTNLVPGSPRLFTSVMAVHRAYET SKMYRDFKLRSALIQNKQLRLLPQEHVYDKINGVWNLSSDQGNLGTFFITNVRIVWHANMNDSFNV SIPYLQIRSIKIRDSKFGLALVIESSQQSGGYVLGFKIDPVEKLQESVKEINSLHKVYSASPIFGVDYE MEEKPQPLEALTVEQIQDDVEIDSDGHTDAFVAYFADGNKQQDREPVFSEELGLAIEKLKDGFTL QQGLWEVMS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	65.2
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 — BBS5

Entrez GeneID	129880
GeneBank Accession#	NM_152384.2
Protein Accession#	NP_689597.1
Gene Name	BBS5
Gene Alias	-
Gene Description	Bardet-Biedl syndrome 5
Omim ID	209900 603650
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that has been directly linked to Bardet-Biedl syndrome. The primary features of this syndrome include retinal dystrophy, obesity, polydactyly, renal abnormalities and le arning disabilities. Experimentation in non-human eukaryotes suggests that this gene is expresse d in ciliated cells and that it is required for the formation of cilia. Alternate transcriptional splice var iants have been observed but have not been fully characterized. [provided by RefSeq
Other Designations	-

Disease

- Obesity

- Retinal Diseases