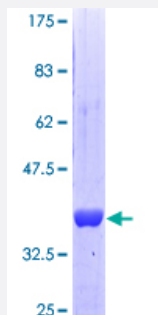


STBD1 (Human) Recombinant Protein (Q02)

Catalog # H00008987-Q02

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human STBD1 partial ORF (NP_003934.1, 259 a.a. - 358 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	AGSQQVSVRFQVHYVTSTDVQFIAVTGDHECLGRWNTYIPLHYNKDGFWSHSIFLPADTVVEWKF VLVENGGVTRWEECSNRFLETGHEDKVVHAWWGIH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (62); Rat (63)
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 — STBD1

Entrez GeneID	8987
GeneBank Accession#	NM_003943
Protein Accession#	NP_003934.1
Gene Name	STBD1
Gene Alias	FLJ41801, GENEX3414, GENX-3414
Gene Description	starch binding domain 1
Omim ID	607406
Gene Ontology	Hyperlink
Other Designations	genethonin 1

Publication Reference

- [Extracellular vesicle analysis of plasma allows differential diagnosis of atypical pancreatic serous cystadenoma.](#)

Katherine S Yang, Aileen O'Shea, Piotr Zelga, Andrew S Liss, Carlos Fernandez Del Castillo, Ralph Weissleder.
Scientific Reports 2023 Jul; 13(1):10969.

Application: Multiple ELISA, Human, PDX cell lines