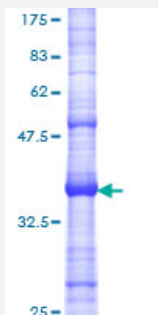


ASNS (Human) Recombinant Protein (Q01)

Catalog # H00000440-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ASNS partial ORF (AAH14621, 281 a.a. - 380 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	YPLQTFAIGMEDSPDLLAARKVADHIGSEHYEVLFNSEEGIQALDEVIFSLETYDITTVRASVGMYLISKYIRKNTDSVVIFSGEGSDELTQGYMFHKA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
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 — ASNS

Entrez GeneID	440
GeneBank Accession#	BC014621
Protein Accession#	AAH14621
Gene Name	ASNS
Gene Alias	TS11
Gene Description	asparagine synthetase
Omim ID	108370
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is involved in the synthesis of asparagine. This gene complements a mutation in the temperature-sensitive hamster mutant ts11, which blocks progression through the G1 phase of the cell cycle at nonpermissive temperature. There are three alternatively spliced transcript variants encoding the same protein described for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000024510 TS11 cell cycle control protein glutamine-dependent asparagine synthetase

Pathway

- [Alanine](#)
- [Metabolic pathways](#)
- [Nitrogen metabolism](#)