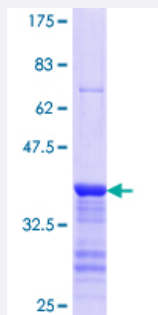


SECISBP2 (Human) Recombinant Protein (Q01)

Catalog # H00079048-Q01

Size 25 ug, 10 ug

Applications



Specification

| | |
|--------------------------------------|--|
| Product Description | Human SECISBP2 partial ORF (NP_076982.3, 106 a.a. - 205 a.a.) recombinant protein with GST-tag at N-terminal. |
| Sequence | VPGSQYLYNQPSQYRGFQTVKHRNENTCPLPQEMKALFKKKTYDEKKTYDQQKFDSEADGTISSEIKSARGSHHLSIYAENSLKSDGYHKRTDRKSRII |
| Host | Wheat Germ (in vitro) |
| Theoretical MW (kDa) | 36.74 |
| Interspecies Antigen Sequence | Mouse (71); Rat (71) |
| 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 — SECISBP2

Entrez GeneID [79048](#)

GeneBank Accession# [NM_024077](#)

Protein Accession# [NP_076982.3](#)

Gene Name SECISBP2

Gene Alias DKFZp686C09169, SBP2

Gene Description SECIS binding protein 2

Omim ID [607693](#) [609698](#)

Gene Ontology [Hyperlink](#)

Gene Summary The incorporation of selenocysteine into a protein requires the concerted action of an mRNA element called a sec insertion sequence (SECIS), a selenocysteine-specific translation elongation factor and a SECIS binding protein. With these elements in place, a UGA codon can be decoded as selenocysteine. The gene described in this record encodes a nuclear protein that functions as a SECIS binding protein. Mutations in this gene have been associated with a reduction in activity of a specific thyroxine deiodinase, a selenocysteine-containing enzyme, and abnormal thyroid hormone metabolism. [provided by RefSeq]

Other Designations OTTHUMP00000021618|OTTHUMP00000064929|OTTHUMP00000064930|OTTHUMP00000064931|OTTHUMP00000064932|selenocysteine insertion sequence binding protein 2

Disease

- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)