

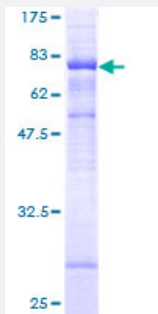
Full-Length

STARD3 (Human) Recombinant Protein (P01)

Catalog # H00010948-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human STARD3 full-length ORF (AAH08747, 1 a.a. - 445 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSKLPRELTRDLERSLPVASLGSSLSHSQSLSSHLLPPPEKRRRAISDVRRTFCLFVTFDLLFISLL
WIELNTNTGIRKNLEQEIQQYNFKTSFFDIFVLAFFRFSGLLLGYAVLQLRHHWWVIAVTTLVSSAFLV
KVLSELLSKGAFGYLLPVSFVLAWLETWFLDFKVLQPQAEERWYLAQVAVARGPLLFSGALS
EGQFYSPPEFAGSDNESDEEVAGKKSFSAQEREYIRQGKEATAVVDQILAQEENWKFEKNNEY
GDTVYTIEVPFHGKTFILKTFLPCPAELVYQEVILQPERMVLWNKTVTACQILQRVEDNTLISYDVSA
GAAGGVVSPRDFVNVRRIERRRDYLLSSGIATSHSAKPPTHKYVRGENPGGFIVLKSASNPRVC
TFVWLNTDLKGRLPRYLHQSLAATMFEFAFHLRQRISLGARA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

74.69

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 — STARD3

Entrez GeneID [10948](#)

GeneBank Accession# [BC008747](#)

Protein Accession# [AAH08747](#)

Gene Name STARD3

Gene Alias CAB1, FLJ41370, MLN64, es64

Gene Description StAR-related lipid transfer (START) domain containing 3

Omim ID [607048](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of a subfamily of lipid trafficking proteins that are characterized by a C-terminal steroidogenic acute regulatory domain and an N-terminal metastatic lymph node 64 domain. The encoded protein localizes to the membranes of late endosomes and may be involved in exporting cholesterol. Alternate splicing results in multiple transcript variants

Other Designations START domain containing 3|steroidogenic acute regulatory protein related

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)