

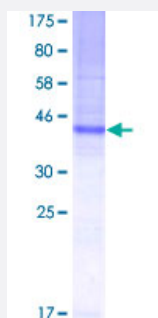
Full-Length

TSPAN8 (Human) Recombinant Protein (P01)

Catalog # H00007103-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TSPAN8 full-length ORF (AAH05246.1, 1 a.a. - 237 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAGVSACIKYSMFTFNFLFWLCGILILALAMVVRISNDSQAIFGSEDVGSSSYVAVDILIAVGAIIMILG
FLACCGAIKESRCMLLLFFIGLLILLQVATGILGAVFKSKSDRMNETLYENTKLLSATGESEKQFQ
EAIMVQEEFKCCGLVNGAADWGNFQHYPELCACLKQRPCQSYNGKQVYKETCISFIKDFLAK
NLIVIGIAFGLAVIEILGLVFSMVLVCQIGNK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

51.81

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 — TSPAN8

Entrez GeneID [7103](#)

GeneBank Accession# [BC005246](#)

Protein Accession# [AAH05246.1](#)

Gene Name TSPAN8

Gene Alias CO-029, TM4SF3

Gene Description tetraspanin 8

Omim ID [600769](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. This gene is expressed in different carcinomas. The use of alternate polyadenylation sites has been found for this gene. [provided by RefSeq]

Other Designations transmembrane 4 superfamily member 3|tumor-associated antigen CO-029

Disease

- [Arthritis](#)
- [Bipolar Disorder](#)

- [Birth Weight](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Crohn Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [HIV Infections](#)
- [Hyperglycemia](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Obesity](#)
- [Prediabetic State](#)
- [Prostatic Neoplasms](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)