

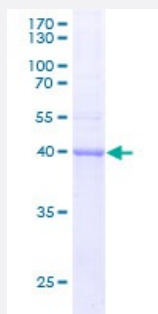
Full-Length

# TSPAN4 (Human) Recombinant Protein (P02)

Catalog # H00007106-P02

Size 25 ug, 10 ug

## Applications



## Specification

Product Description	Human TSPAN4 full-length ORF (AAP36587.1, 1 a.a. - 238 a.a.) recombinant protein with GST tag at N-terminal.
Sequence	MARACLQAVKYL MFAFNLLFWLGCGVLGVGIWLAATQGSFATLSSSFPSLSAANLLIITGAFVMA IGFVGCLGAIKENKCLLLTFFLLLLLVFLLEATIALFFAYTDKIDRYAQQDLKKGLHLYGTQGNVGLTN AWSIIQTDFRCCGVSNYTDWFEVYNATRVDPSCCLEFSESCGLHAPGTWWKAPCYETVKVWLQ ENLLAVGIFGLCTALVQILGLTFAMTMYCQVVKADTYCA
Theoretical MW (kDa)	51.92
Preparation Method	<a href="#">in vitro wheat germ expression system</a>
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 — TSPAN4

Entrez GeneID	<a href="#">7106</a>
GeneBank Accession#	<a href="#">BC000389</a>
Protein Accession#	<a href="#">AAP36587.1</a>
Gene Name	TSPAN4
Gene Alias	NAG-2, NAG2, TETRASPAN, TM4SF7, TSPAN-4
Gene Description	tetraspanin 4
Omim ID	<a href="#">602644</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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 and is similar in sequence to its family member CD53 antigen. It is known to complex with integrins and other transmembrane 4 superfamily proteins. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000164428 novel antigen 2 tetraspan TM4SF transmembrane 4 superfamily member 7