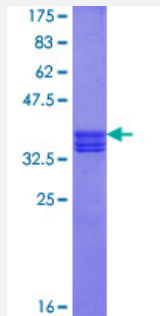


ZAN (Human) Recombinant Protein (Q01)

Catalog # H00007455-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ZAN partial ORF (NP_003377.1, 19 a.a. - 113 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KEKPPDQQLVVRSSRDNYVLTQCDFEDDAKPLCDWSQVSADDEDWVRASGPSPTGSTGAPG GYPNGEGSYLHMESNSFHRGGVARLLSPDLWEQG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.19
Interspecies Antigen Sequence	Mouse (63)
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 — ZAN

Entrez GeneID [7455](#)

GeneBank Accession# [NM_003386](#)

Protein Accession# [NP_003377.1](#)

Gene Name ZAN

Gene Alias -

Gene Description zonadhesin

Omim ID [602372](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a sperm membrane protein that binds the zona pellucida of the egg in a species-specific manner. The encoded protein may be involved in signaling or gamete recognition. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations -

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)