

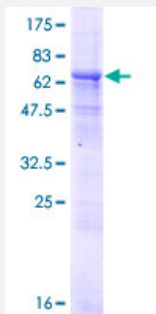
Full-Length

DOM3Z (Human) Recombinant Protein (P01)

Catalog # H00001797-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DOM3Z full-length ORF (NP_005501.2, 1 a.a. - 396 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDPRGTRGAEKTEVAEPRNKLPRPAPSLPTDPAlySGPFPFYRRPSELGCFSLDAQRYHGD
ARALRYSPPTNGPGPNFDLRDGYPDYQPRDEEVQERLDHLLCWLLEHRGRLEGGPGWLAE
AIVWRGHLTKLLTPYERQEGWQLAASRFQGTLYLSEVETPNARAQRLARPPLLRELMYMGYKF
EQYMCADKPGSSPDPSGEVNTNVAFCVLRSLGSHPLLFSGEVDCTDPQAPSTQPPTCYVEL
KTSKEMHSPGQWRSFYRHKLKWWAQSFLPGVPNVVAGFRNPDGFVSSLKTFTPMKMFYVR
NDRDGWNPSVCMNFCAAFLSFAQSTVVQDDPRLVHLFSWEPGGPVTVSVHQDAPYAFLPWYV
EAMTQDLPSPPKTPSPK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

71.3

Interspecies Antigen Sequence

Mouse (90); Rat (91)

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 — DOM3Z

Entrez GeneID	1797
GeneBank Accession#	NM_005510.3
Protein Accession#	NP_005501.2
Gene Name	DOM3Z
Gene Alias	DOM3L, NG6
Gene Description	dom-3 homolog Z (C. elegans)
Omim ID	605996
Gene Ontology	Hyperlink
Gene Summary	This gene localizes to the major histocompatibility complex (MHC) class III region on chromosome 6. The function of its protein product is unknown, but its ubiquitous expression and conservation in both simple and complex eukaryotes suggests that this may be a housekeeping gene. [provided by RefSeq]
Other Designations	DOM-3 homolog Z OTTHUMP00000029408 OTTHUMP00000029410 OTTHUMP00000062703 OTTHUMP00000174711

Disease

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