

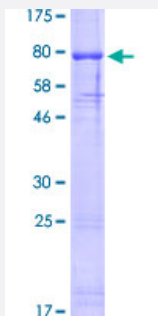
Full-Length

OLFM4 (Human) Recombinant Protein (P01)

Catalog # H00010562-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human OLFM4 full-length ORF (NP_006409.3, 1 a.a. - 510 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MRPGLSFLALLFFLGQAAGDLGDVGPPIPSPGFSSFPGVDSSSSSFSSSSSRSGSSSSSRSLGSGG
SVSQLFSNFTGSVDDRGTCCQSVSLPDTTFVDRVERLEFTAHVLSQKFEKELSKVREYVQLISV
YEKKLLNLTVRIDIMEKDTISYTELDFELIKVEVKEMEKLVIQLKESFGGSSEMDQLEVEIRNMTLLV
EKLETLDKNNVLAIRREIVALTKLKECEASKDQNTVPVHPPPTPGSCGHGGVNVNISKPSVVQLN
WRGFSYLYGAWGRDYSPQHPNKGLYWVAPLNTDGRLLYYRLYNTLDDLLLYINARELRITYGQGS
GTAVYNNMYVNMNTGNIRVNLTTNTIAVTQTLNAAYNRRFSYANVAWQDIDFAVDENGLWVIY
STEASTGNMVISKLNDTTLQVLNTWYTKQYKPSASNAFMVCGVLYATRTMNTREEIFYYDTNTG
KEGKLDMMHKMQEKVQSINYPFDQKLYVYNDGYLLNYDLSVLQKPQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

83.7

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 — OLFM4

Entrez GeneID[10562](#)**GeneBank Accession#**[NM_006418.3](#)**Protein Accession#**[NP_006409.3](#)**Gene Name**

OLFM4

Gene Alias

GC1, GW112, KIAA4294, OLM4, OlfD, UNQ362, bA209J19.1, hGC-1, hOLfD

Gene Description

olfactomedin 4

Gene Ontology[Hyperlink](#)**Gene Summary**

This gene was originally cloned from human myeloblasts and found to be selectively expressed in inflamed colonic epithelium. The protein encoded is a member of the olfactomedin-related protein family. The exact function of this gene has not yet been determined. [provided by RefSeq]

Other Designations

OTTHUMP00000018468|OTTHUMP00000018469