

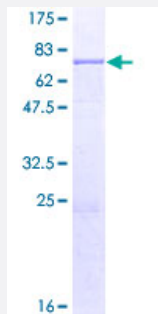
Full-Length

OLFM3 (Human) Recombinant Protein (P01)

Catalog # H00118427-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human OLFM3 full-length ORF (NP_477518.1, 1 a.a. - 458 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MQATSNLLNLLLLSLFAGLDPSKTQISPKEGWQVYSSAQDPDGRICITVVAPEQNLCSDAKSR
QLRKLLLEKVQNMSQSIEVLNLRTRQDFQYVLKMETQMKGKAKFRQIEDDRKTLMTKHFQELKEK
MDELLPLIPVLEQYKTDAKLITQFKEEIRNLSAVLTGIQEEIGAYDYEELHQRVLSLETRLRDCMKKL
TCGKLMKITGPVTVKTSRFGAWMTDPLASEKNNRVWYMDSYTNNKIVREYKSIADFVSGAESR
TYNLPFKWAGTNHVVYNGSLYFNKYQSNIIKYSFDMGRVLAQRSLEYAGFHNVPYTWGGFSDIDL
MADEIGLWAVYATNQNAGNIVISQLNQDTLEVMKSWSTGYPKRSAGESFMICGTLVVTNSHLTGAK
VYYSYSTKTSTYEYTDIPFHNQYFHISMLDYNARDRALCAWNNGHQVLFNVTLFHIIKTEDDT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

79.1

Interspecies Antigen Sequence

Mouse (94); Rat (94)

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 — OLFM3

Entrez GeneID	118427
GeneBank Accession#	NM_058170.1
Protein Accession#	NP_477518.1
Gene Name	OLFM3
Gene Alias	NOE3, NOELIN3, NOELIN3_V1, NOELIN3_V2, NOELIN3_V3, NOELIN3_V4, NOELIN3_V5, NOELIN3_V6, OPTIMEDIN
Gene Description	olfactomedin 3
Omim ID	607567
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000012614 noelin 3 olfactomedin related ER localized protein 3

Publication Reference

- [Olfactomedin III expression contributes to anoikis-resistance in clonal variants of a human lung squamous carcinoma cell line.](#)

Keenan J, Joyce H, Aherne S, O'Dea S, Doolan P, Lynch V, Clynes M.

Experimental Cell Research 2012 Mar; 318(5):593.

Application: WB-Ce, WB-Tr, Human, DLKP

Disease

- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)