

Full-Length

ODF2 (Human) Recombinant Protein (P01)

Catalog # H00004957-P01

Size 50 ug

Specification

Product Description	Human ODF2 full-length ORF (BAG52697.1, 1 a.a. - 538 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MNRYDKKIDSLMNAVGLKSEVKMQKGERQMAKRFLEERKEELEVAHELAETEHENTVLRHNI ERMKEEKDFTILQKKHLQQEKECLMSKLVEAEMDGAAAAKQVMALKDTIGKLKTEKQMTCTDINT LTRQKELLLQKLSTFEETNRTLRLDLLREQHCKEDSERLMEQQGALLKRLAEADSEKARLLLLLQD KDKEVEELLQEIQCEKAQAKTASELSKSMESMRGHLQAQLRSKEAENSRLCMQIKNLERSGNQH KAEVEAIMEQLKELKRKGDRDKESLKKAIRAQKERAEEKSEYAEQLHVQLADKDLVVAEALSTLE SWRSRYNQVVKEKGDLELEIVLNDRVTDLVNQQTLEEKMRDRDSLVERLHRQTAEYSFAKLE NERLKASFAPMEDKLNQAHLEVQQLKASVKNYEGMIDNYKSQVMKTRLEADEVAAQLERCCKE NKILKDEMNKEIEAARRQFQSQLADLQQLPDILKITEAKLAECQDQLQGYERKNIDLTAIISDLRSRV RDWQKGSHELTRAGARIPR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	89.2
Interspecies Antigen Sequence	Mouse (98)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
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 — ODF2

Entrez GeneID [4957](#)

GeneBank Accession# [AK093367.1](#)

Protein Accession# [BAG52697.1](#)

Gene Name ODF2

Gene Alias FLJ44866, MGC111096, MGC9034, ODF2/1, ODF2/2, ODF84

Gene Description outer dense fiber of sperm tails 2

Omim ID [602015](#)

Gene Ontology [Hyperlink](#)

Gene Summary The outer dense fibers are cytoskeletal structures that surround the axoneme in the middle piece and principal piece of the sperm tail. The fibers function in maintaining the elastic structure and re coil of the sperm tail as well as in protecting the tail from shear forces during epididymal transport and ejaculation. Defects in the outer dense fibers lead to abnormal sperm morphology and infertility. This gene encodes one of the major outer dense fiber proteins. Multiple protein isoforms are encoded by transcript variants of this gene; however, not all isoforms and variants have been fully described. [provided by RefSeq]

Other Designations OTTHUMP00000022273|OTTHUMP00000022274|cenexin 1|outer dense fiber of sperm tails, 84-kD|outer dense fibre of sperm tails 2|sperm tail structural protein

Disease

- [Tobacco Use Disorder](#)