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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ODF2 (Human) Recombinant Protein (Q01)

Catalog Number: H00004957-Q01

Regulation Status: For research use only (RUO)

Product Description: Human ODF2 partial ORF (NP_002531.3, 706 a.a. - 804 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

KEHALSKERAAQNKILDLETQLSRTKTELSQLRRSRDD
ADRRYQSRLQDLKDRLEQSESTNRSMQNYVQFLKSS
YANVFGDGPYSTFLTSSPIRSRSP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.63

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

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.

Entrez GeneID: 4957

Gene Symbol: ODF2

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

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 recoil 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]