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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

OR3A1 (Human) Recombinant Protein (P01)

Catalog Number: H00004994-P01

Regulation Status: For research use only (RUO)

Product Description: Human OR3A1 full-length ORF (NP_002541.1, 1 a.a. - 315 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MQPESGANGTVIAEFILLGLLEAPGLQPVVFLFLFAYL
VTVRGNLSILAAVLVEPKLHTPMYFFLGNLSVLDVGCIS
VTVPSMRLSRKRAVPCGACLTQLFFFHLFVGVDC
FLLTAMAYDQFLAICRPLTYSTRMSQTVQRMLVAASW
ACAFTNALTHTVAMSTLNF CGPNVINHFYCDLPQLFQL
SCSSTQLNELLLFAVGFIMAGTPMALIVISYIHVAAVLR
IRSVGRKKAFSTCGSHLTVVAIFYGSGIFNYMRLGST
KLSDKDKAVGIFNTVINPMLNPIIYSFRNPDVQSAIWRM
LTGRRSLA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 61

Interspecies Antigen Sequence: Mouse (83); Rat (84)

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: 4994

Gene Symbol: OR3A1

Gene Alias: OLFRA03, OR17-40, OR17-82, OR40

Gene Summary: Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms. [provided by RefSeq]