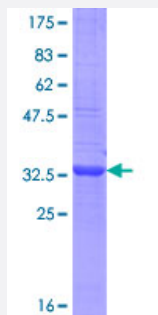


OTOS (Human) Recombinant Protein (Q01)

Catalog # H00150677-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human OTOS partial ORF (NP_683764.1, 26 a.a. - 89 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EEGDPYAELPAMPYWPFFSTDFWNYVQHFQALGAYPQIEDMARTFFAHFPLGSTLG FHV PYQED
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	32.78
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 — OTOS

Entrez GeneID	150677
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GeneBank Accession#	NM_148961
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Protein Accession#	NP_683764.1
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Gene Name	OTOS
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Gene Alias	OTOSP
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Gene Description	otospiralin
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Omim ID	607877
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Gene Ontology	Hyperlink
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Gene Summary	Otospiralin is synthesized by nonsensory cells (fibrocytes) of the inner ear, and downregulation of otospiralin in guinea pigs leads to deafness (Lavigne-Rebillard et al., 2003 [PubMed 12687421]). [supplied by OMIM]
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Other Designations	-
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