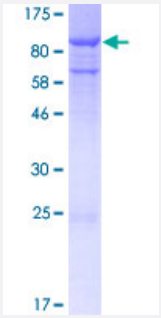
Full-Length

OFD1 (Human) Recombinant Protein (P01)

Catalog # H00008481-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human OFD1 full-length ORF (AAH99658.1, 1 a.a. - 550 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MLNEKVKEMSDYSLLKEEKLELLAQNKLLKQQLEESRNENLRLLNRLAQPAPELAVFQKELRKAE KAIVVEHEEFESCRQALHKQLQDEIEHSAQLKAQILGYKASVKSLTTQVADLKLQLKQTQTALENE VYCNPKQSVIDRSVNGLINGNVVPCNGEISGDFLNNPFKQENVLARMVASRITNYPTAWVEGSSP DSDLEFVANTKARVKELQQEAERLEKAFRSYHRRVIKNSAKSPLAAKSPPSLHLLEAFKNITSSSP ERHIFGEDRVVSEQPQVGTLEERNDVVEALTGSAASRLRGGTSSRRLSSTPLPKAKRSLESEMY LEGLGRSHIASPSPCPDRMPLPSPTESRHSLSIPPVSSPPEQKVGLYRRQTELQDKSEFSDVDKL AFKDNEEFESSFECVDQKQIEEQKEEEKIREQQVKERRQREERRQSNLQEVLERERRELEKLYQ ERKMIEESLKIKIKKELEMENELEMSNQEIKDKSAHSENPLEKYMKIIQQEQDQESADKSSKKMVQ EGSLVDTLQSSDKVESLTGFSHEELDDSW
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	89.5
Interspecies Antigen Sequence	Mouse (54); Rat (59)
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 — OFD1

Entrez GeneID	8481
GeneBank Accession#	BC099658.1
Protein Accession#	AAH99658.1
Gene Name	OFD1
Gene Alias	71-7A, CXorf5, MGC117039, MGC117040, SGBS2
Gene Description	oral-facial-digital syndrome 1
Omim ID	300170 300209 311200
Gene Ontology	Hyperlink
Gene Summary	This gene is located on the X chromosome and encodes a centrosomal protein. A knockout mouse model has been used to study the effect of mutations in this gene. The mouse gene is also located on the X chromosome, however, unlike the human gene it is not subject to X inactivation. Mutations in this gene are associated with oral-facial-digital syndrome type I and Simpson-Golabi-Behmel syndrome type 2. Many pseudogenes have been identified; a single pseudogene is found on chromosome 5 while as many as fifteen have been found on the Y chromosome. Alternatively spliced transcripts have been described for this gene but the biological validity of these transcripts has not been determined. [provided by RefSeq

Other Designations	OTTHUMP00000022940

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema