

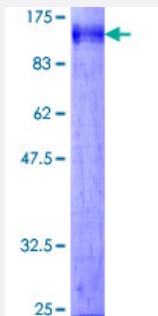
Full-Length

DIDO1 (Human) Recombinant Protein (P01)

Catalog # H00011083-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DIDO1 full-length ORF (AAH00770.1, 1 a.a. - 544 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDDKGDPSNEEAPKAIKPTSKEFRKTWGFRRRTIAKREGAGDAEADPLEPPPPQQQLGLSLRRS
GRQPKRTERVEQFLTIARRRGRRSMPVSLEDSGEPTSCPATDAETASEGSVESASETRSGPQSA
STAVKERPASSEKVKGGDDHDDTSDSDSDGLTLKELQNRLRRKREQEPTERPLKGIQSRLRKKR
REEGPAETVGSEASDTVGVLPSPKQEPENDQGVVSQAGKDDRESKLEGKAAQDIKDEEPGDL
GRPKPECEGYDPNALYCICRQPHNNRFMICCDRCEEWFHGDGCVGISEARGLLERNGEDYICPN
CTILQVQDETHSETADQQEAKWRPGDADGTDCTSIGTIEQKSSDQGIKGRIKAAANPSGKKKLI
FQPVIEAPGASKCIGPGCCHVAQPDSVYCSNDCILKHAATMKFLSSGKEQKPKPKEKMKMKPE
KPSLPKCGAQAGIKISSVHKRPAPEKKETT VKKAVVVPARSEALGKEAACESSTPSWASDHNYN
AVKPEKTAAPSPSLLYKCSGKYLYSLHPSLIA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

85.9

Interspecies Antigen Sequence

Mouse (76)

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 — DIDO1

Entrez GeneID	11083
GeneBank Accession#	BC000770.2
Protein Accession#	AAH00770.1
Gene Name	DIDO1
Gene Alias	BYE1, C20orf158, DATF1, DIDO2, DIDO3, DIO-1, DIO1, DKFZp434P1115, FLJ11265, KIAA0333, MGC16140, dJ885L7.8
Gene Description	death inducer-obliterator 1
Omim ID	604140
Gene Ontology	Hyperlink
Gene Summary	Apoptosis, a major form of cell death, is an efficient mechanism for eliminating unwanted cells and is of central importance for development and homeostasis in metazoan animals. In mice, the death inducer-obliterator-1 gene is upregulated by apoptotic signals and encodes a cytoplasmic protein that translocates to the nucleus upon apoptotic signal activation. When overexpressed, the mouse protein induced apoptosis in cell lines growing in vitro. This gene is similar to the mouse gene and therefore is thought to be involved in apoptosis. Alternatively spliced transcripts have been found for this gene, encoding multiple isoforms. [provided by RefSeq]

Other Designations

OTTHUMP00000031518|OTTHUMP00000031519|OTTHUMP00000031520|OTTHUMP00000031521|OTTHUMP00000031522|death associated transcription factor 1

Disease

- [Adenocarcinoma](#)
- [Cerebral Hemorrhage](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Migraine Disorders](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Tobacco Use Disorder](#)