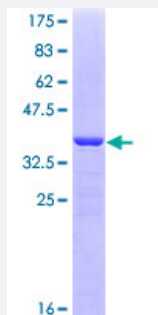


PDCD8 (Human) Recombinant Protein (Q01)

Catalog # H00009131-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PDCD8 partial ORF (NP_004199, 420 a.a. - 529 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GFRVNAELQARSNIWVAGDAACFYDIKLGRRRVEHHDHAVVSGRLAGENMTGAAKPYWHQSMF WSDLGPDVGYEAGLVDSSLPTVGVF AKATAQDNPKSATEQSGTGIR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
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 — AIFM1

Entrez GeneID [9131](#)

GeneBank Accession# [NM_004208](#)

Protein Accession# [NP_004199](#)

Gene Name AIFM1

Gene Alias AIF, MGC111425, PDCD8

Gene Description apoptosis-inducing factor, mitochondrion-associated, 1

Omim ID [300169](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a flavoprotein essential for nuclear disassembly in apoptotic cells that is found in the mitochondrial intermembrane space in healthy cells. Induction of apoptosis results in the translocation of this protein to the nucleus where it effects chromosome condensation and fragmentation. In addition, this gene product induces mitochondria to release the apoptogenic proteins cytochrome c and caspase-9. Several alternative transcripts encoding different isoforms have been identified for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000024007|OTTHUMP00000024008|OTTHUMP00000024009|programmed cell death 8|programmed cell death 8 (apoptosis-inducing factor)|striatal apoptosis-inducing factor

Pathway

- [Apoptosis](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)