

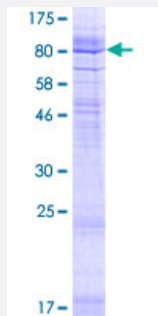
Full-Length

GDPD5 (Human) Recombinant Protein (P01)

Catalog # H00081544-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GDPD5 full-length ORF (NP_110419.4, 1 a.a. - 605 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVRHQPLQYYEPQLCLSLTGIYGCRCWKRYQRSHDDTTPWERLWFLLLTFTFGLTLTWLYFWWE
VHNDYDEFNWLYNRMGYWSDWPVILVTAAAFAYIAGLLVLALCHIAVGQQMNLHWLHKIGLVV
ILASTVVAMSAVAQLWEDEWEVLLISLQGTAPFLHVGAVAAVTMLSWIVAGQFARAERTSSQVTIL
CTFFTUVFALYLAPLTISSPCIMEKKDLGPKPALIGHRGAPMLAPEHTLMSFRKALEQKLYGLQADI
TISLDGVPFLMHDITLRRITNVEEEFPELARRPASMLNWTTLQRLNAGQWFLKTDPFWTASSLSP
SDHREAQNQSICSLAELELAKGNATLLNLRDPPREHPYRSSFINVTLEAVLHSGFPQHQVMWL
PSRQRPLVRKVAPGFQQTSGSKEAVASLRRGHIQRLNLRYTQVSRQELRDYASWNLSVNLTYVN
APWLFSLWLCAGVPSVTSDNSHTLSQVPSPLWIMPPDEYCLMWVTADLVSTLIVGIFVLQKWRL
GGIRSYNPEQIMLSAAVRRTSRDVSIMKEKLIFSEISDGEVSDVLSVCSDNSYDTYANSTATPVGP
RGGGSHTKTLIERSGR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

95

Interspecies Antigen Sequence

Mouse (90); Rat (89)

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 — GDPD5

Entrez GeneID	81544
GeneBank Accession#	NM_030792.4
Protein Accession#	NP_110419.4
Gene Name	GDPD5
Gene Alias	GDE2, PP1665
Gene Description	glycerophosphodiester phosphodiesterase domain containing 5
Omim ID	609632
Gene Ontology	Hyperlink
Gene Summary	The retinoid-inducible GDPD5 gene encodes a transmembrane protein that is necessary and sufficient to drive spinal motor neuron differentiation (Rao and Sockanathan, 2005 [PubMed 16195461]).[supplied by OMIM]
Other Designations	-