

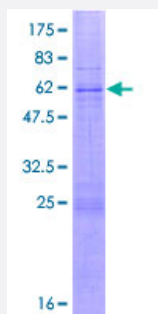
Full-Length

GIYD2 (Human) Recombinant Protein (P01)

Catalog # H00079008-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GIYD2 full-length ORF (NP_076949.1, 1 a.a. - 275 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGPAGVAARPGRFFGVYLLYCLNPRYRGRVYVGFTVNTARRVQQHNGGRKKGGAWRTSGRGP
WEMVLVHGFPSVAALRFWAWQHPHASRRLAHVGPRLRGETAFHFLRVLAHMLRAPPWA
RLPLTLRWVRPDLRQDLCLPPPHVPLAFGPPPPQAPAPRRRAGPFDDAEPEPDQGDPGACC
SLCAQTIQDEEGPLCCPHPGCLLRAHVICLAEFLQEEPQQLPLEGQCPCCEKSLLWGDLWLC
QMDTEKEVEDSELEEAHWTDLLET

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

57.2

Interspecies Antigen Sequence

Mouse (77); Rat (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 — GIYD2

Entrez GeneID[79008](#)**GeneBank Accession#**[NM_024044.2](#)**Protein Accession#**[NP_076949.1](#)**Gene Name**

GIYD2

Gene Alias

FLJ23439, MGC2532, MGC5178

Gene Description

GIY-YIG domain containing 2

Gene Ontology[Hyperlink](#)**Gene Summary**

A segmental duplication of the p arm of chromosome 16 created two identical copies of the GIY-YIG domain containing gene, this record represents the more telomeric copy. Exons of this gene overlap with exons of the phenol-preferring sulfotransferase (SULT1A4) gene. Two transcript variants that encode different protein isoforms have been identified through sequence analysis. [provided by RefSeq]

Other Designations

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