

Recombinant Human GIYD1 Protein, GST-tagged

Cat. No. GIYD1-4919H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GIYD1 full-length ORF (AAI48778.1, 1 a.a. - 161 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein that is an important regulator of genome stability. The protein represents the catalytic subunit of the SLX1-SLX4 structure-specific endonuclease, which can resolve DNA secondary structures that are formed during repair and recombination processes. Two identical copies of this gene are located on the p arm of chromosome 16 due to a segmental duplication; this record represents the more centromeric copy. Alternative splicing results in multiple transcript variants. Read-through transcription also occurs between this gene and the downstream SULT1A3 (sulfotransferase family, cytosolic, 1A, phenol-preferring, member 3) gene. [provided by RefSeq, Nov 2010]
Molecular Mass	44.66 kDa
AA Sequence	MGPAGVAARPGRFFGVYLLYCLNPRYRGRVYVGFTVNTARRVQQHNGGRKKGGA WRTSGRGPWEMVLVHGFSSVAALRDEEGPLCCPHPGCLLRAHVICLAEFLQE EPGQLLPLEGQCPCCEKSLLWGDLIWLCQMDTEKEVEDSELEEAHWTDLLET
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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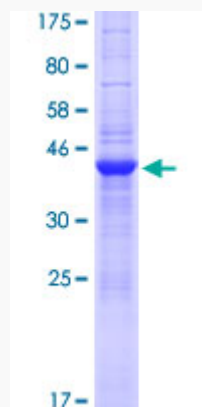
	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	SLX1A SLX1 homolog A, structure-specific endonuclease subunit [Homo sapiens (human)]
Official Symbol	GIYD1
Synonyms	SLX1A; SLX1 homolog A, structure-specific endonuclease subunit; GIYD1; structure-specific endonuclease subunit SLX1; GIY-YIG domain-containing protein 1; SLX1 structure-specific endonuclease subunit homolog A
Gene ID	548593
mRNA Refseq	NM_001014999
Protein Refseq	NP_001014999
MIM	615822
UniProt ID	Q9BQ83

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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