Recombinant Full Length Human SLX1B Protein, GST-tagged

Cat. No. SLX1B-5289HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GIYD2 full-length ORF (NP_076949.1, 1 a.a. - 275 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	275 amino acids
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 telomeric copy. Alternative splicing results in multiple transcript variants. Read-through transcription also occurs between this gene and the downstream SULT1A4 (sulfotransferase family, cytosolic, 1A, phenol-preferring, member 4) gene. [provided by RefSeq, Nov 2010]
Molecular Mass	57.2 kDa
AA Sequence	MGPAGVAARPGRFFGVYLLYCLNPRYRGRVYVGFTVNTARRVQQHNGGRKKGGA WRTSGRGPWEMVLVVHGFPSSVAALRFEWAWQHPHASRRLAHVGPRLRGETAFA FHLRVLAHMLRAPPWARLPLTLRWVRPDLRQDLCLPPPPHVPLAFGPPPPQAPAPR RRAGPFDDAEPEPDQGDPGACCSLCAQTIQDEEGPLCCPHPGCLLRAHVICLAEEF

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	LQEEPGQLLPLEGQCPCCEKSLLWGDLIWLCQMDTEKEVEDSELEEAHWTDLLET
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) 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	SLX1B SLX1 homolog B, structure-specific endonuclease subunit [Homo sapiens (human)]
Official Symbol	SLX1B
Synonyms	SLX1B; SLX1 homolog B, structure-specific endonuclease subunit; GIYD2; structure-specific endonuclease subunit SLX1; GIY-YIG domain-containing protein 1; SLX1 structure-specific endonuclease subunit homolog B
Gene ID	79008
mRNA Refseq	NM_024044
Protein Refseq	NP_076949
MIM	615823

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UniProt ID	Q9BQ83

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