

Recombinant Full Length Human DDI2 Protein, C-Flag-tagged

Cat. No. DDI2-1310HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human DDI2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables aspartic-type endopeptidase activity; identical protein binding activity; and ubiquitin binding activity. Involved in several processes, including cellular response to hydroxyurea; proteolysis; and regulation of DNA stability. Located in cytosol and nucleoplasm.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	44.3 kDa
AA Sequence	MLLTVYCVRRDLSEVTFSLQVDADFELHNFRALCELESGIPAAESQIVYAERPLTDNH RSLASYGLKDGD VVILRQKENADPRPPVQFPNLPRIDFSSIAPVGTSSPRQRQPPGT QQSHSSPGEITSSPQGLDNPALLRD MLLANPHELSELLKERNPPPLAEALLSGDLEKFS RVLVEQQQDRARREQERIRLFSADPFDLEAQAKIEEDI RQQNIEENMTIAMEEAPES FGQVVMLYINCKVNGHPVKAFVDSGAQMTIMSQACAERCNIMRLVDRRWAG IAKG VGTQKIIGRVHLAQVQIEGDFLPCSFSILEEQPMDMLLGLDMLKRHQCSIDLKKNVLVI GTTGSQT TFLPEGELPECARLAYGAGREDVRPEEIADQELAEALQKSAEDAERQKPTRTRPLE QKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

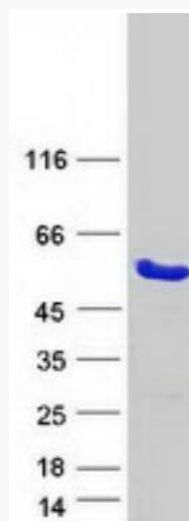
GENE INFORMATION

Gene Name	DDI2 DNA damage inducible 1 homolog 2 [Homo sapiens (human)]
Official Symbol	DDI2
Synonyms	RP4-680D5.5
Gene ID	84301
mRNA Refseq	NM_032341.5
Protein Refseq	NP_115717.3
UniProt ID	Q5TDH0

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Coomassie blue staining of purified DDI2 protein.

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