

## Recombinant Human IDH2 Protein, Flag-tagged

Cat. No. IDH2-046H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IDH2 Protein was expressed in Baculovirus system as the full length protein (accession number NP_002159.2) with a C-terminal FLAG-Tag.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-452 aa
<b>Form</b>	Recombinant IDH2 protein is supplied at a concentration of 0.5 ug/ul in 25 mM HEPES pH 7.5, 300 mM NaCl, 5% glycerol, 0.04% Triton X-100, 0.2 mM TCEP.
<b>Molecular Mass</b>	51.7 kDa
<b>Purity</b>	>95%
<b>Storage</b>	Recombinant proteins in solution are temperature sensitive and must be stored at -80°C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

### GENE INFORMATION

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<b>Gene Name</b>	IDH2 isocitrate dehydrogenase 2 (NADP+), mitochondrial [ Homo sapiens ]
<b>Official Symbol</b>	IDH2
<b>Synonyms</b>	IDH2; isocitrate dehydrogenase 2 (NADP+), mitochondrial; isocitrate dehydrogenase [NADP], mitochondrial; NADP(+)-specific ICDH; oxalosuccinate decarboxylase; IDH; IDP; IDHM; IDPM; ICD-M; D2HGA2; mNADP-IDH;
<b>Gene ID</b>	3418
<b>mRNA Refseq</b>	NM_002168
<b>Protein Refseq</b>	NP_002159
<b>MIM</b>	147650
<b>UniProt ID</b>	P48735
<b>SDS-PAGE</b>	

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