

Recombinant Full Length Human IDH2(R172K) Protein, Flag-tagged

Cat. No. IDH2-1143H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human IDH2(R172K) Protein was expressed in baculovirus system as the full length protein (accession number NP_002159.2) with a point mutation Arg172Lys and a C-terminal FLAG tag.
Species	Human
Source	Insect Cells
ProteinLength	1-452 aa
Form	Recombinant IDH2 (R172K) protein is supplied at a concentration of 0.3 ug/ul in 25 mM HEPES pH 7.5, 300 mM NaCl, 5% glycerol, 0.04% Triton X-100, 0.2 mM TCEP.
Molecular Mass	51.7 kDa
Purity	>85%
Storage	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.
Reconstitution	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.

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GENE INFORMATION

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

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