

## Recombinant Human IMPDH2 protein, His-tagged

Cat. No. IMPDH2-2482H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IMPDH2 protein(1-350 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-350 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	MADYLISGGTSYVPDDGLTAQQLFNCGDGLTYNDFLILPGYIDFTADQVDLTSALTKK ITLKTPLVSSPMDTVTEAGMAIAMALTGGIGFIHHNCTPEFQANEVRKVKKYEQGFIT DPVVLSPKDRVRDVFEAKARHGFCGIPITDTGRMGSRVGISSRDIDFLKEEEHDCF LEEIMTKREDLVVAPAGITLKEANEILQRSKKGKLPVNEDELVAIIARTDLKKNRDYP LASKDAKKQLLCGAAIGTHEDDKYRLDLLAQAGVDVVLDSSQGNSIFQINMIKIYIKD KYPNLQVIGGNVVTAAQAKNLIDAGVDALRVGMGSGSICITQEV LACGRPQATAVYK V
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name**

IMPDH2 IMP (inosine 5-monophosphate) dehydrogenase 2 [ Homo sapiens ]

**Official Symbol**

IMPDH2

**Synonyms**

IMPDH2; IMP (inosine 5-monophosphate) dehydrogenase 2; inosine-5-monophosphate dehydrogenase 2; IMPD 2; IMPDH 2; IMP oxireductase 2; inosine 5 phosphate dehydrogenase 2; IMP (inosine monophosphate) dehydrogenase 2; inosine monophosphate dehydrogenase type II; IMPD2; IMPDH-II;

**Gene ID**

3615

**mRNA Refseq**

NM\_000884

**Protein Refseq**

NP\_000875

**UniProt ID**

P12268

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