

Datasheet for ABIN7587564

IMPDH2 Protein (AA 2-514) (His tag)



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Overview

Quantity:	100 µg
Target:	IMPDH2
Protein Characteristics:	AA 2-514
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IMPDH2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ADYLISGGT SYVPDDGLTA QQLFNCGDGL TYNDFLILPG YIDFTADQVD LTSALTKKIT LKTPLVSSPM DTVTEAGMAI AMALTGGIGF IHHNCTPEFQ ANEVRKVKKY EQGFITDPVV LSPKDRVRDV FEAARHGFC GIPITDTGRM GSRLVGISS RDIDFLKEEE HDRFLEEIMT KREDLVAPA GVTLKEANEI LQRSKKGKLP IVNESDELVA IIARTDLKKN RDYPLASKDT KKQLLCGAAI GTHEDDKYRL DLLALAGVDV VLDSSQGNS IFQINMIKYI KEKYPNLQVI GGNVWTAQA KNLIDAGVDA LRVGMGSGSI CITQEVLAGG RPQATAVYKV SEYARRFGVP VIADGGIQNV GHIKALALG ASTVMMGSL AATTEAPGEY FSDGIRLKK YRGMGSLDAM DKHLSSQNRV FSEADKIKVA QGVSGAVQDK GSIHKFVPYL IAGIQHSCQD IGAKSLTQVR AMMYSGELKF EKRTSSAQVE GGVHGLHSYE KRLF
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: IMPDH2

Alternative Name: Inosine-5-monophosphate dehydrogenase 2 (Impdh2) ([IMPDH2 Products](#))

Background: Recommended name: Inosine-5'-monophosphate dehydrogenase 2.
Short name= IMP dehydrogenase 2.
Short name= IMPD 2.
Short name= IMPDH 2.
EC= 1.1.1.205

UniProt: [E9PU28](#)

Pathways: [Ribonucleoside Biosynthetic Process](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.