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IMPDH1 Protein (AA 2-514) (His tag)



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Overview

Quantity:	1 mg
Target:	IMPDH1
Protein Characteristics:	AA 2-514
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IMPDH1 protein is labelled with His tag.
Application:	ELISA

Sequence:	ADYLISGGT GYVPEDGLTA QQLFANADGL TYNDFLILPG FIDFIADEVD LTSALTRKIT
	LKTPLISSPM DTVTEADMAI AMALMGGIGF IHHNCTPEFQ ANEVRKVKKF EQGFITDPVV
	LSPSHTVGDV LEAKIQHGFS GIPITATGTM GSKLVGIVTS RDIDFLAEKD HTTLLSEVMT
	PRIELVVAPA GVTLKEANEI LQRSKKGKLP IVNDQDELVA IIARTDLKKN RDYPLASKDS
	HKQLLCGAAV GTREDDKYRL DLLTQAGADV IVLDSSQGNS VYQIAMVHYI KQKYPHLQVI
	GGNVVTAAQA KNLIDAGVDG LRVGMGCGSI CITQEVMACG RPQGTAVYKV AEYARRFGVP
	VIADGGIQTV GHVVKALALG ASTVMMGSLL AATTEAPGEY FFSDGVRLKK YRGMGSLDAM
	EKSSSSQKRY FSEGDKVKIA QGVSGSIQDK GSIQKFVPYL IAGIQHGCQD IGAQSLSVLR
	SMMYSGELKF EKRTMSAQIE GGVHGLHSYE KRLY
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalie
	cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details > 90 % Purity: **Target Details** IMPDH1 Target: Alternative Name Inosine-5-monophosphate dehydrogenase 1 (Impdh1) (IMPDH1 Products) Background: Recommended name: Inosine-5'-monophosphate dehydrogenase 1. Short name= IMP dehydrogenase 1. Short name= IMPD 1. Short name= IMPDH 1. EC= 1.1.1.205 UniProt: D3ZLZ7 Pathways: Ribonucleoside Biosynthetic Process **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 modificated 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.