

Recombinant Human IMPDH2 protein ab185401

描述

产品名称	重组人IMPDH2蛋白
纯度	> 95 % SDS-PAGE. Purity is determined by SEC-HPLC and reducing SDS-PAGE.
内毒素水平	< 1.000 Eu/μg
表达系统	Escherichia coli
Accession	<u>P12268</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<pre> MGSSHHHHHHSSGLVPRGSHMADYLISSGGTSYVPDDGLTAQQ LFNCGDGL TYNDFLILPGYIDFTADQVDLTSALTKKITLKTPLVSSPMDT VTEAGMAI AMALTGGIGFIIHNNCTPEFQANEVRKVKKYEQGFITDPVVL PKDRVRDV FEAKARHGFCGIPITDTGRMGSRVGISSRDIDFLKEEEHD CFLEEIMT KREDLVVAPAGITLKEANEILQRSKKGKLPVNEDELVAII ARTDLKKN RDYPLASKDAKKQLLCGAAIGTHEDDKYRLDLLAQAGVDVVV LDSSQGNS IFQINMIKYIKDKYPNLQVIGGNVVTAQAQAKNLIDAGVDALR VGMGSGSI CITQEVLCGRPQATAVYKVSEYARRFGVPVIADGGIQNVGH IAKALALG ASTVMMGSLLAATTEAPGEYFFSDGIRLKKYRGMGSLDAMDK HLSSQNRV FSEADKIKVAQVSGAVQDKGSIHKFVPYLIAGIQHSCQDIG AKSLTQVR AMMYSGELKFEKRTSSAQVE GGVHSLHSYEKRLF </pre>
预测分子量	58 kDa including tags
氨基酸	1 to 514
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab185401** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
	HPLC
形式	Liquid

制备和贮存

稳定性和存储	Shipped on Dry Ice. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.24% Tris, 0.88% Sodium chloride
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常规信息

功能	Rate limiting enzyme in the de novo synthesis of guanine nucleotides and therefore is involved in the regulation of cell growth. It may also have a role in the development of malignancy and the growth progression of some tumors.
组织特异性	IMP type I is the main species in normal leukocytes and type II predominates over type I in the tumor.
通路	Purine metabolism; XMP biosynthesis via de novo pathway; XMP from IMP: step 1/1.
序列相似性	Belongs to the IMPDH/GMPR family. Contains 2 CBS domains.
翻译后修饰	The N-terminus is blocked.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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