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Datasheet for ABIN1635912 NUDT12 Protein (AA 1-462) (His tag)

Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | NUDT12 |
| Protein Characteristics: | AA 1-462 |
| Origin: | Orang-Utan |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This NUDT12 protein is labelled with His tag. |
| Application: | ELISA |

Product Details

| | |
|------------------|---|
| Sequence: | <p>MSSVKRTPKQ EIVTQFHCSA AEGDIAKLTG ILSHSPSLLN ETSNGWTAL MYAARNGHPE</p> <p>IVQFLLEKGC DRSIVNKSQR TALDIAVFWG YKHIANLLAT AKGGKKPWFL TNEVEECENY</p> <p>FSKTLDDRKS EKRNNSDWLL AKESHPATVF ILFSNLNPLV TLGGNKESFQ QPEVRLCQLN</p> <p>YTDIKDYLAQ PEKITLIFLG VELEIKDKLF NYAGEVPREE EDGLVAWFAL GIDPIAAEEF</p> <p>KQRHENCYFL HPPMPALLQL KEKEAGVVAQ ARSVLAWYSR YKFCPTCGNA TKIEEGGYKR</p> <p>VCLKEDCPSL NGVHNTSYPR VDPVVMQVI HPDGTKCLLG RQKRFPFGMF TCLAGFIEPG</p> <p>ETIEDAVRRE VEEESGVKVG HVQYVACQPW PMPSSLMIGC LALAVSTEIK VDKNEIEDAH</p> <p>WFTREQVLDV LTKGKQQAFF VPPSRAIAHQ LIKWIRINP NL</p> |
| Specificity: | Pongo abelii (Sumatran orangutan) |
| 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: NUDT12

Alternative Name: Peroxisomal NADH pyrophosphatase NUDT12 (NUDT12) ([NUDT12 Products](#))

Background: Recommended name: Peroxisomal NADH pyrophosphatase NUDT12.
EC= 3.6.1.22.
Alternative name(s): Nucleoside diphosphate-linked moiety X motif 12.
Short name= Nudix motif 12

UniProt: [Q5RD76](#)

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 modified 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

Storage: -20 °C

Handling

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