Recombinant Human Nucleoside-diphosphate kinase protein ab105612

Overview

Product name
Recombinant Human Nucleoside-diphosphate kinase protein

Protein length
Full length protein

Description

Nature
Recombinant

Source
Escherichia coli

Amino Acid Sequence

Accession
P30085

Species
Human

Sequence

MGSSHHHHHH SSGLVPRGSH MLSRCRSGLL HVLGLSFLLQ TRRPILLCSP RLMKPLVVFV LGPGAGKGT QCARRVEKYG YTHLSAGELL RDERKNPDSQ YGELEKYIK EGKIVPVEIT ILLKREMDQ TMAANAQKNK FLIDGFPRNQ DNLQGWNKTM DGKADVSFVL FFDCNNEICI ERCLERGKSS GRSDNNRESL EKRIQTYLQS TKPIIDLYEE MGKVKKIDAS KSVDEVFDEV VQIFDKEG

Molecular weight
28 kDa including tags

Amino acids
1 to 228

Tags
His tag N-Terminus

Specifications

Our Abpromise guarantee covers the use of ab105612 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications

SDS-PAGE

Mass Spectrometry

Mass spectrometry
MALDI-TOF

Purity
> 90 % SDS-PAGE.
Purified using conventional chromatography.

**Form**
Liquid

**Additional notes**
This product was previously labelled as UMP/CMP kinase

## Preparation and Storage

### Stability and Storage
Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00
Constituents: 0.0154% DTT, 0.316% Tris HCl, 20% Glycerol, 0.58% Sodium chloride

## General Info

### Function
Catalyzes specific phosphoryl transfer from ATP to UMP and CMP.

### Tissue specificity
Ubiquitously expressed.

### Sequence similarities
Belongs to the adenylate kinase family.

### Cellular localization

## Images

15% SDS PAGE analysis of ab105612 (3 µg).

SDS-PAGE - Recombinant Human Nucleoside-diphosphate kinase protein (ab105612)

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

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