

Datasheet for ABIN5853858
DPY30 Protein (AA 1-99) (His tag)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	DPY30
Protein Characteristics:	AA 1-99
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPY30 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSMEPEQML EGQTQVAENP HSEYGLTDNV ERIVENEKIN AEKSSKQKVD LQSLPTRAYL DQTVVPILLQ GLAVLAKERP PNPIEFLASY LLKNKAQFED RN
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	DPY30
Alternative Name:	DPY30 (DPY30 Products)
Background:	As part of the MLL1/MLL complex, DPY30 is involved in the methylation of histone H3 at 'Lys-4', particularly trimethylation. Histone H3 'Lys-4' methylation represents a specific tag for epigenetic transcriptional activation. This protein may play some role in histone H3 acetylation. In a teratocarcinoma cell, it plays a crucial role in retinoic acid-induced differentiation along the

Target Details

neural lineage, regulating gene induction and H3 'Lys-4' methylation at key developmental loci. DPY30 may also play an indirect or direct role in endosomal transport. Recombinant human DPY30 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Molecular Weight: 13.6 kDa (122aa) confirmed by MALDI-TOF

NCBI Accession: [NP_115963](#)

UniProt: [Q9C005](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

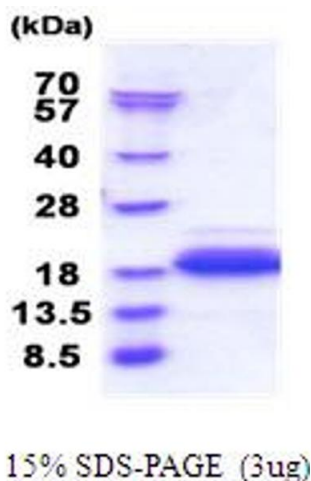
Concentration: 1 mg/mL

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30 % glycerol, 2 mM DTT

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Images



SDS-PAGE

Image 1.