9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

DPY30 Human

DPY30 Human Recombinant
RCP0681

Product Overview

Name	DPY30 Human

Description

DPY30 Human Recombinant

Accession (Primary)	Q9C005

Synonyms

Dpy-30 Homolog (C. Elegans), Dpy-30-Like Protein, Dpy-30L, Protein Dpy-30 Homolog, HDPY-30, Cps25, Saf19, Protein dpy-30 homolog.

Introduction

DPY30 is implicated in the methylation of histone H3 at Lys-4 , mainly trimethylation. Histone H3 Lys-4 methylation symbolize a specific tag for epigenetic transcriptional activation. DPY30 takes part in histone H3 acetylation. In a teratocarcinoma cell, DPY30 plays a critical role in retinoic acid-induced differentiation along the neural lineage, regulating gene induction and H3 Lys-4 methylation at key developmental loci. DPY30 also plays an indirect or direct part in endosomal transport .

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

DPY30 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 30% glycerol and 2mM DTT.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MEPEQML EGQTQVAENP HSEYGLTDNV ERIVENEKIN AEKSSKQKVD LQSLPTRAYL DQTVVPILLQ GLAVLAKERP PNPIEFLASY LLKNKAQFED RN.

Precautions

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

DPY30 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9C005)