

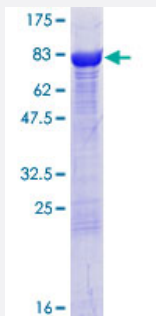
Full-Length

DPYSL4 (Human) Recombinant Protein (P01)

Catalog # H00010570-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DPYSL4 full-length ORF (NP_006417.1, 1 a.a. - 572 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSFQGKKSIPRITSDRLLIRGGRVNDQSFYADVHVEDGLIKQIGENLVPGGIKTIDAHGLMVLPGG
VDVHTRLQMPVLGMPADDFCQGTKAALAGGTTMILDHVPDGTGVSLAAYEQWRERADSAAC
CDYSLHVDITRWHESEKEELEALVKEKGVNSFLVFMAYKDRCQCSDSQMYEIFSIIIRDLGALAQVH
AENGDIVEEEQKRLLLEGITGPEGHVLSHPREEVEAEAVYRAVTIAKQANCPLYVTKVMSKGAADAI
AQAKRRGVVVFGEPIASLGTDGSHYWSKNWAKAAAFVTSPPVNPDPTADHLTCLLSSGDLQV
TGAHCTFTTAQKAVGKDNFALIPEGTNGIEERMSMVWEKCVASGKMDENEFVAVTSTNAAKIFN
FYPRKGRVAVGSDADLVIWNPKATKIISAKTHNLNVEYNIFEGVECRGAPAVVISQGRVALEDGKM
FVTPGAGRFPVPRKTFPDFVYKRIKARNRLAEIHGVPRGLYDGPVHEVMVPAKPGSGAPARASCP
GKISVPPVRNLHQSGFSLSGSQADDHIARRTAQKIMAPPGGRSNITSL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

88.3

Interspecies Antigen Sequence

Mouse (93); Rat (93)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DPYSL4

Entrez GeneID	10570
GeneBank Accession#	NM_006426.1
Protein Accession#	NP_006417.1
Gene Name	DPYSL4
Gene Alias	CRMP3, DRP-4, ULIP4
Gene Description	dihydropyrimidinase-like 4
Omim ID	608407
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000020757

Publication Reference

- [Collapsin response mediator protein 3 deacetylates histone H4 to mediate nuclear condensation and neuronal death.](#)

Hou ST, Jiang SX, Aylsworth A, Cooke M, Zhou L.

Scientific Reports 2013 Feb; 3:1350.

Application: Func, Rodent, Brain