

DPYSL4 Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP5431b

Specification

DPYSL4 Blocking Peptide (C-term) - Product Information

Primary Accession

[O14531](#)

Other Accession

[Q62951](#), [O35098](#), [NP_006417.2](#)**DPYSL4 Blocking Peptide (C-term) - Additional Information****Gene ID** 10570**Other Names**

Dihydropyrimidinase-related protein 4, DRP-4, Collapsin response mediator protein 3, CRMP-3, UNC33-like phosphoprotein 4, ULIP-4, DPYSL4, CRMP3, ULIP4

Target/Specificity

The synthetic peptide sequence is selected from aa 479-492 of HUMAN DPYSL4

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DPYSL4 Blocking Peptide (C-term) - Protein Information**Name** DPYSL4**Synonyms** CRMP3, ULIP4**Function**

Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, neuronal growth cone collapse and cell migration (By similarity).

Cellular Location

Cytoplasm.

DPYSL4 Blocking Peptide (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

DPYSL4 Blocking Peptide (C-term) - Images**DPYSL4 Blocking Peptide (C-term) - References**

Deloukas, P., et al. Nature 429(6990):375-381(2004)
Weitzdoerfer, R., et al. J. Neural Transm. Suppl. 61, 95-107 (2001) :
Fukada, M., et al. J. Biol. Chem. 275(48):37957-37965(2000)
Inatome, R., et al. J. Biol. Chem. 275(35):27291-27302(2000)
Honnorat, J., et al. Eur. J. Neurosci. 11(12):4226-4232(1999)
Byk, T., et al. Eur. J. Biochem. 254(1):14-24(1998)
Hamajima, N., et al. Gene 180 (1-2), 157-163 (1996) :