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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
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- Expressversand

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Datasheet

PPP1R10 (Human) Recombinant Protein (P01)

Catalog Number: H00005514-P01

Regulation Status: For research use only (RUO)

Product Description: Human PPP1R10 full-length ORF (NP_002705.2, 1 a.a. - 940 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGSGPIDPKELLKGLDSFLNRDGEVKSVDGISKIFSLM
KEARKMVSRCYLNILLQTRSPEILVKFIDVGGYKLLNN
WLTYSKTTNNIPLQILLTLQHLPLTVDHKQNTAKL
VKQLSKSSEDEELRKLASVLVSDWMAVIRSQSSTQPA
EKDKKKRKDEGKSRTTLPERPLTEVKAETRAEEAPEK
KREKPKSLRTTAPSHAKFRSTGLELETPLSLVPVKKNAS
TVVVSDKYNLKIPLKRQSNVAAPGDATPPAEKYYKPL
NTTPNATKEIKVKIIPPQMEGLGFLDALNSAPVPGIKIK
KKKKVLSPTAAKPSPFEGKTSTEPSTAKPSSPEPAPPS
EAMDADRPGTPVPPVEPELMDTASLEPGALDAKVE
SPGDPNQLTRKGRKRKSVTWPEEGKLREYFYFELDET
ERVNVNKIKDFGEAAKREILSDRHAFETARRLSHDNME
EKVPWVCPRLVPLPSPLVTPGSNSQERYQAEREKIL
QELFLNKESPHEPDPEPYEPIPPKLIPLDEECMSDETP
YVETLEPGGGSGGSPDGAGGSKLPPVLANLMGSMGAG
KGPQGGGGGINVQEILTSIMGSPNSHPSEELLKQPD
YSDKIKQMLVPHGLLGPPIANGFPPGGPGGPKGMQ
HFPPGGGPMPPHGGGGPVGPRLLGPPPPRGG
DPFWDGPGDPMRGGPMRGGPGGPGPYHRGRGR
GGNEPPPPPPFRGARGGRSGGGPPNGRGGPGGG
MVGGGGHRPHEGPGGGMGNSSGHRPHEGPGGGM
GSGHRPHEGPGGSMGGGGGHRPHEGPGGGISGGS
GHRPHEGPGGGMGAGGGHRPHEGPGGSMGGSGGH
RPHEGPGHGGPHGHRPHDVPGHRGHDHRGPPHEH
RGHDGPGHGGGHRGHDGGHSHGGDMSNRPVCRH
FMMKGNCRYENNCIFYHPGVNGPPLP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 125.5

Interspecies Antigen Sequence: Mouse (93); Rat (94)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 5514

Gene Symbol: PPP1R10

Gene Alias: CAT53, FB19, PNUTS, PP1R10

Gene Summary: This gene encodes a protein with similarity to a rat protein that has an inhibitory effect on protein phosphatase-1 (PP1). The rat protein localizes to the nucleus and colocalizes with chromatin at distinct phases during mitosis. This gene lies within the major histocompatibility complex class I region on chromosome 6. [provided by RefSeq]

References:

1. lncRNA Directs Cooperative Epigenetic Regulation Downstream of Chemokine Signals. Xing Z, Lin A, Li C, Liang K, Wang S, Liu Y, Park PK, Qin L, Wei Y, Hawke DH, Hung MC, Lin C, Yang L Cell. 2014 Nov 20;159(5):1110-25. doi: 10.1016/j.cell.2014.10.013. Epub 2014 Nov 13.