

Product Datasheet

Recombinant Human Doublecortin GST (N-Term) Protein H00001641-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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H00001641-P01-10ug

Recombinant Human Doublecortin GST (N-Term) Protein

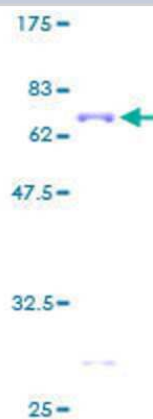
Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	65.34 kDa

Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-360 of Human DCX</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MELDFGHFDERDKTSRNMGRSRMNGLPSPTHSAHCSFYRTRTLQALSNEKKA KKVRFYRNGDRYFKGIVYAVSSDRFRSFDALLADLTRSLSDNINLPQGVRYYITI DGSRKIGSMDELEEGESYVCSSDNFFKKVEYTKNVNPNWSVNVKTSANMKAP QLASSNSAQARENKDFVRPKLVTIIRSGVKPRKAVRVLLNKKTAHSFEQVLTDI TEAIKLETGVVKKLYTLDGKQVTLHDFFGDDDDVFIACGPEKFRYAQDDFSLDE NECRMKGNPSATAGPKASPTPQKTSAKSPGPMRRSKSPADSANGTSSSQLS TPKSKQSPISTPTSPGSLRKHKDLYLPLSLDDSDSLGDSM</p>
Gene ID	1641
Gene Symbol	DCX
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Dot Blot, Protein Array, Immunoaffinity Purification

Images

12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Jiang L, Brackeva B, Stangel G et al. LC-MS/MS identification of doublecortin as abundant beta cell-selective protein discharged by damaged beta cells in vitro. *J Proteomics*. 2013-01-19 [PMID: 23337804]



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Products Related to H00001641-P01-10ug

NBP2-55074PEP	Doublecortin Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NBP1-72042	Doublecortin Antibody
M6000B-1	IL-6 [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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