

## Recombinant Full Length Human DCX protein

**Cat. No.** DCX-2807H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DCX protein(O43602)(1-441aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-441 a.a.
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	65.3 kDa
<b>AA Sequence</b>	MKTLPLHSHCTEMQRLLPKLEMLTLGSSFCSLQGEFCQAMDSFTTVSHVGMCEETD ASFNVFSPKFQFDRSHCQSLRFHQNMELDFGHFDERDKTSRNMGRSRMNGLPSPPT HSAHCSFYRTRTLQALSNEKKAKKVRFYRNGDRYFKGIVYAVSSDRFRSFDALLADL TRSLSDNINLPQGVRYIYTIDGSRKIGSMDELEEGESYVCSSDNFFKKVEYTKNVNPN WSVNVKTSANMKAPQSLASSNSAQARENKDFVRPKLVTIIRSGVKPRKAVRVLLNKK TAHSFEQVLTDITEAIKLETGVVKKLYTLDGKQVTCLHDFFGDDDDVFIACGPEKFRYA QDDFSLDENECRVMKGNPSATAGPKASPTPQKTSAKSPGPMRRSKSPADSANGTS SSQLSTPKSKQSPISTPTSPGSLRKHKDLYLPLSLDDSDSLGDSM

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<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

<b>Gene Name</b>	DCX doublecortin [ Homo sapiens ]
<b>Official Symbol</b>	DCX
<b>Synonyms</b>	DCX; doublecortin; doublecortex; lissencephaly, X linked (doublecortin); neuronal migration protein doublecortin; DBCN; DC; doublecortex; LISX; SCLH; XLIS; lis-X; doublin; lissencephalin-X; FLJ51296;
<b>Gene ID</b>	1641
<b>mRNA Refseq</b>	NM_000555
<b>Protein Refseq</b>	NP_000546
<b>MIM</b>	300121
<b>UniProt ID</b>	O43602

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