

Recombinant Full Length Human DCX protein

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

SPECIFICATION

Product Overview	Recombinant Human DCX protein(O43602)(1-441aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-441 a.a.
Form	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.
Molecular Mass	65.3 kDa
AA Sequence	MKTLPLHSHCTEMQRLLPKLEMLTLGSSFCSLQGEFCQAMDSFTTVSHVGMCEETD ASFNVFSPKFQFDRSHCQSLRFHQNMELDFGHFDERDKTSRNMRGSRMNGLPSP HSAHCSFYRTRTLQALSNEKKAKKVRFYRNGDRYFKGIVYAVSSDRFRSFDALLADL TRSLSDNINLPQGVRIYITIDGSRKIGSMDELEEGESYVCSSDNFFKKVEYTKNVNPN WSVNVKTSANMKAPQSLASSNSAQARENKDFVRPKLVTIIRSGVKPRKAVRVLLNKK TAHSFEQVLTDITEAIKLETGVVKKLYTLDGKQVTCCLHDFGDDDDVFIACGPEKFRYA QDDFSLDENECRVMKGNPSATAGPKASPTPQKTSKSPGPMRRSKSPADSANGTS SSQLSTPKSKQSPISTPTSPGSLRKHKDLYLPLSLDDSDSLGDSM

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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

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

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