

Recombinant Human DCX protein, GST-tagged

Cat. No. DCX-543H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DCX protein(O43602-2)(Ala 45-Val 150) was expressed in E.coli, fused with the GST tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	45-150 aa
Form	Lyophilized from sterile 20mM Tris, 1mM DTT, 10% glycerol, pH 7.5.
Molecular Mass	The recombinant human DCX (aa 45-150)/GST chimera consists of 340 amino acids and has a predicted molecular mass of 39.4 kDa. It migrates as an approxiamtely 36 KDa band in SDS-PAGE under reducing conditions.
Purity	> 82 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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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
SDS-PAGE	