

Recombinant Human DCX protein(Ala45-Val150), GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human DCX protein(O43602-2)(Ala45-Val150), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala45-Val150
similar	DCX
Alias	DCX; doublecortin; doublecortex; lissencephaly, X linked (doublecortin); neuronal migration protein doublecortin; DBCN; DC; doublecortex; LISX; SCLH; XLIS; lis-X; doublin; lissencephalin-X; FLJ51296;
Conjugate	N-GST
Form	Lyophilized from sterile 20mM Tris, 1mM DTT, 10% glycerol, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	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

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	approxiamtely 36 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 82 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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.
GeneName	DCX doublecortin [Homo sapiens]
GeneNameWeblink	1641
OfficialSymbol	DCX
OfficialSymbolWeblink	1641
GeneID	1641
GeneIDWeblink	1641
mRNARefseq	NM_000555
mRNARefseqWeblink	NM_000555.3
ProteinRefseqWeblink	NP_000546.2

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MIMWeblink	300121
UniProtID	O43602
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GENE INFORMATION	
Synonyms	DCX; doublecortin; doublecortex; lissencephaly, X linked (doublecortin); neuronal migration protein doublecortin; DBCN; DC; doublecortex; LISX; SCLH; XLIS; lis-X; doublin; lissencephalin-X; FLJ51296;
MIM	300121

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