

Recombinant Full Length Human DYX1C1 Protein, GST-tagged

Cat. No. DYX1C1-4095HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DYX1C1 full-length ORF (AAH62564.1, 1 a.a. - 381 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	381 amino acids
Description	This gene encodes a tetratricopeptide repeat domain-containing protein. The encoded protein interacts with estrogen receptors and the heat shock proteins, Hsp70 and Hsp90. An homologous protein in rat has been shown to function in neuronal migration in the developing neocortex. A chromosomal translocation involving this gene is associated with a susceptibility to developmental dyslexia. Mutations in this gene are associated with deficits in reading and spelling. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the downstream cell cycle progression 1 (CCPG1) gene. [provided by RefSeq, Mar 2011]
Molecular Mass	70.6 kDa
AA Sequence	MPLQVSDYSWQQTKTAVFLSLPLKGVCVRD TDVFCTENYLKVNFPFLFEAFLYAPI DDESSKAKIGNDTIVFTLYKKEAAMWETLSVTGVDKEMMQRIREKSILQAQERAKEA TEAKAAAKREDQKYALSVMMKIEEEERKKIEDMKENERIKATKALEAWKEYQRKAEE QKKIQREEKLCQKEKQIKEGRKKIKYKSLTRNLASRN LAPKGRNSENIFTEKLKEDSIP

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APRSVGSIKINFTPRVFPTALRESQVAEEEEWLHKQAEARRAMNTDIAELCDLKEEE
KNPEWLKDKGNKLFATENYLAAINAYNLAIRLNNKMPLLYLNRAVCHLKLKNLHKAIE
DSSKEFCSLLEGIECQASEPKLSHHIPSDLHVYIQMA

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

DYX1C1 dyslexia susceptibility 1 candidate 1 [Homo sapiens]

Official Symbol

DYX1C1

Synonyms

DYX1C1; dyslexia susceptibility 1 candidate 1; dyslexia susceptibility 1 candidate gene 1 protein; EKN1; FLJ37882; RD; DYX1; DYXC1; MGC70618;

Gene ID

161582

mRNA Refseq

NM_001033559

Protein Refseq

NP_001028731

MIM

608706

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UniProt ID

Q8WXU2

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