

Recombinant Human DYX1C1 Protein, GST-tagged

Cat. No. DYX1C1-2996H **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	Wheat Germ
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 TEAKAAAKREDQKYALSVMKIEEEERKKIEDMKENERIKATKALEAWKEYQRKAEE QKKIQREEKLCQKEKQIKEGRKKIKYKSLTRNLASRN LAPKGRNSENIFTEKLKEDSIP APRSVGSIKINFTPRVFPTALRESQVAEEEEWLHKQAEARRAMNTDIAELCDLKEEE

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	KNPEWLKDKGNKLFATENYLAAINAYNLAIRLNNKMPLLYLNRAVCHLKLKNLHKAIE DSSKEFCSLEGIECQASEPKLSHHIPSDLHVYIQMA
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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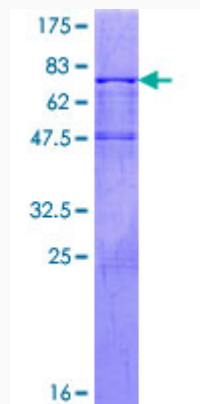
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UniProt ID

Q8WXU2

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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