

Recombinant Human DYX1C1, His-tagged

Cat. No. DYX1C1-12242H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DYX1C1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-381a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

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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
UniProt ID	Q8WXU2
Chromosome Location	15q21.1
Function	estrogen receptor binding; protein binding;