Recombinant Human NYX Protein, MYC/DDK-tagged

Cat. No. NYX-1850H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NYX protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
Description	The product of this gene belongs to the small leucine-rich proteoglycan (SLRP) family of proteins. Defects in this gene are the cause of congenital stationary night blindness type 1 (CSNB1), also called X-linked congenital stationary night blindness (XLCSNB). CSNB1 is a rare inherited retinal disorder characterized by impaired scotopic vision, myopia, hyperopia, nystagmus and reduced visual acuity. The role of other SLRP proteins suggests that mutations in this gene disrupt developing retinal interconnections involving the ON-bipolar cells, leading to the visual losses seen in patients with complete CSNB. [provided by RefSeq, Oct 2008].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	49.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	NYX nyctalopin [Homo sapiens]
Official Symbol	NYX
Synonyms	CLRP; CSNB1; CSNB1A; CSNB4; NBM1
Gene ID	60506
mRNA Refseq	NM_022567
Protein Refseq	NP_072089
MIM	300278
UniProt ID	Q9GZU5

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