Recombinant Full Length Human CRX Protein

Cat. No. CRX-93HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CORD2 with a N terminal proprietary tag; Predicted MWt 59.00 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	299 amino acids
Description	The protein encoded by this gene is a photoreceptor-specific transcription factor which plays a role in the differentiation of photoreceptor cells. This homeodomain protein is necessary for the maintenance of normal cone and rod function. Mutations in this gene are associated with photoreceptor degeneration, Leber congenital amaurosis type III and the autosomal dominant cone-rod dystrophy 2. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some variants has not been determined.
Form	Liquid
Molecular Mass	59.000kDa inclusive of tags
AA Sequence	MMAYMNPGPHYSVNALALSGPSVDLMHQAVPYPSAPRKQR RERTTFTRSQLEELE ALFAKTQYPDVYAREEVALKINLPE SRVQVWFKNRRAKCRQQRQQQKQQQQPPG GQAKARPAKRK AGTSPRPSTDVCPDPLGISDSYSPPLPGPSGSPTTAVATV SIWSP ASESPLPEAQRAGLVASGPSLTSAPYAMTYAPASA FCSSPSAYGSPSSYFSGLDPY

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	LSPMVPQLGGPALSPLSGP SVGPSLAQSPTSLSGQSYGAYSPVDSLEFKDPTGTW KFTY NPMDPLDYKDQSAWKFQIL
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	CRX cone-rod homeobox [Homo sapiens]
Official Symbol	CRX
Synonyms	CRX; cone-rod homeobox; CORD2; cone-rod homeobox protein; CRD; LCA7; orthodenticle homeobox 3; OTX3
Gene ID	1406
mRNA Refseq	NM_000554
Protein Refseq	NP_000545
MIM	602225
UniProt ID	O43186

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