

Recombinant Full Length Human CRX Protein, GST-tagged

Cat. No. CRX-2124HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CRX full-length ORF (AAH16664, 1 a.a. - 299 a.a.) recombinant protein with GST-tag at N-terminal.
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. [provided by RefSeq, Jul 2008]
Molecular Mass	58.63 kDa
AA Sequence	MMAYMNPGRAPHYSVNALALSGPSVDLMHQAVPYPSAPRKQRRERTTFTRSQLEELE ALFAKTQYPDVYAREEVALKINLPESRVQVWFKNRRRAKCRQQRQQKQQQQPPG GQAKARPAKRKAGTSPRPSTDVCPDPLGISDSYSPPLPGPSGSPTTAVATVSIWSP ASESPLPEAQRAGLVASGPSLTSAPYAMTYAPASAFCSPPSAYGSPSSYFSGLDPY LSPMVPQLGGPALSPLSGPSVGPVSLAQSPVSLSGQSYGAYSPVDSLEFKDPTGTWK

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FTYNPMDPLDYKDQSAWKQIL

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

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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