

Cone-rod homeobox protein (CRX) Recombinant Protein | CRX recombinant protein

Recombinant Human Cone-rod homeobox protein (CRX)

CATALOG #
AAA114440

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Cone-rod homeobox protein (CRX); Recombinant Human Cone-rod homeobox protein (CRX); CRX recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-299. Full length.
Sequence	MMAYMNPGRP YSVNALALSG PSVDLMHQAV PYPSAPRKQR RERTTFTRSQ LEELEALFAK TQYPDVYARE EVALKINLPE SRVQVWFKNR RAKCRQQRQQ QKQQQQPPGG QAKARPAKRK AGTSPRPSTD VCPDPLGISD SYSPPLPGPS GSPTTAVATV SIWSPASESP LPEAQRAGLV ASGPSLTSAP YAMTYAPASA FCSSPSAYGS PSSYFSGLDL YLSPMVPQLG GPALSPLSGP SVGPSLAQSP TSLSGQSYGA YSPVDSLEFK DPTGTWKFTY NPMDDLKYD QSAWKFKIL
Sequence Length	299
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for CRX recombinant protein	This protein 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557489
NCBI GeneID	1406
NCBI Accession #	NP_000545.1
NCBI GenBank Nucleotide #	NM_000554.5
UniProt Accession #	O43186; Q0QD45
Molecular Weight	39.3 kDa
NCBI Official Full Name	cone-rod homeobox protein
NCBI Official Synonym Full Names	cone-rod homeobox
NCBI Official Symbol	CRX

NCBI Official Synonym Symbols	CRD; LCA7; OTX3; CORD2
NCBI Protein Information	cone-rod homeobox protein
UniProt Protein Name	Cone-rod homeobox protein
UniProt Gene Name	CRX
UniProt Synonym Gene Names	CORD2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/crx-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114440>