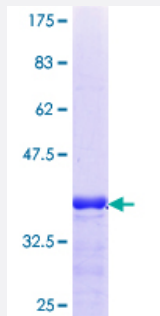


CRY2 (Human) Recombinant Protein (Q01)

Catalog # H00001408-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CRY2 partial ORF (NP_066940.1, 141 a.a. - 231 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VEVVTENSHLYDLDRILNGQKPPLTYKRFQAIISRMELPKKPVGLVTSQQMESCRAEIQENHDE TYGVPSLEELGFPTEGLGPAVWQG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.75
Interspecies Antigen Sequence	Mouse (93)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CRY2

Entrez GeneID	1408
GeneBank Accession#	NM_021117
Protein Accession#	NP_066940.1
Gene Name	CRY2
Gene Alias	FLJ10332, HCRY2, KIAA0658, PHLL2
Gene Description	cryptochrome 2 (photolyase-like)
Omim ID	603732
Gene Ontology	Hyperlink
Other Designations	growth-inhibiting protein 37

Pathway

- [Circadian rhythm - mammal](#)

Disease

- [Adenocarcinoma](#)
- [Alcoholism](#)
- [Bipolar Disorder](#)

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Chronobiology Disorders](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Interview](#)
- [Lymphoma](#)
- [Mood Disorders](#)
- [Obesity](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
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- [Schizophrenia](#)
- [Sleep Deprivation](#)
- [Sleep Disorders](#)
- [Tobacco Use Disorder](#)