

Datasheet for ABIN1350417
CRY1 Protein (AA 1-586) (GST tag)



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Overview

Quantity:	10 µg
Target:	CRY1
Protein Characteristics:	AA 1-586
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRY1 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Antibody Array (AA), Affinity Purification (AP)

Product Details

Purpose:	CRY1 (Human) Recombinant Protein (P01)
Sequence:	<p>MGVNAVHWFR KGLRLHDNPA LKECIQGADT IRCVYILDPW FAGSSNVGIN RWRFLQCLE DLDANLRKLN SRLFVIRGQP ADVFPRLFKE WNITKLSIEY DSEPFGERD AAIKKLATEA GVEVIVRISH TLYDLDKIIE LNGGQPPLTY KRFQTLISKM EPLEIPVETI TSEVIEKCTT PLSDDHDEKY GVPSLEELGF DTDGLSSAVW PGGETEALTR LERHLERKAW VANFERPRMN ANSLLASPTG LSPYLRFGL SCRLFYFKLT DLYKKVKKNS SPPLSLYGQL LWREFFYTAA TNNPRFDKME GNPICVQIPW DKNPEALAKW AEGRTGFPWI DAIMTQLRQE GWIHHLARHA VACFLTRGDL WISWEEGMKV FEELLDADW SINAGSWMWL SCSSFFQOFF HCYCVPVGFGR RTDPNGDYIR RYLPVLRGFP AKYIYDPWNA PEGIQKVAKC LIGVNYPKPM VNHAASRLN IERMKQIYQQ LSRYRGLGLL ASVPSNPNGN GGFMGYSAEN IPGCSSSGSC SQGSGILHYA HGDSQQTHLL KQGRSSMGTG LSGGKRPSQE EDTQSIGPKV QRQSTN</p>
Characteristics:	Human CRY1 full-length ORF (AAH30519, 1 a.a. - 586 a.a.) recombinant protein with GST-tag at

Product Details

N-terminal.

Purification: in vitro wheat germ expression system

Target Details

Target: CRY1

Alternative Name: CRY1 ([CRY1 Products](#))

Background: Full Gene Name: cryptochrome 1 (photolyase-like)
Synonyms: PHLL1

Gene ID: 1407

Pathways: [Response to Water Deprivation](#), [Proton Transport](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Preparation method: in vitro, wheat germ expression system
Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.

Restrictions: For Research Use only

Handling

Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -80 °C

Storage Comment: Best use within three months from the date of receipt of this protein.

Publications

Product cited in: Santagata, Maire, Idhah, Geffers, Correll, Holton, Quackenbush, Ligon: "CRX is a diagnostic marker of retinal and pineal lineage tumors." in: **PLoS ONE**, Vol. 4, Issue 11, pp. e7932, (2009) ([PubMed](#)).

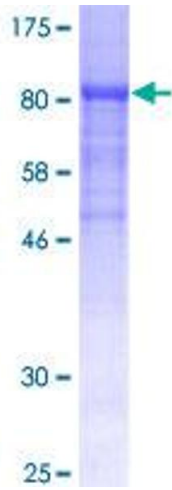


Image 1.