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Datasheet for ABIN1314658
PER1 Protein (AA 1-1290) (GST tag)

Overview

Quantity:	25 µg
Target:	PER1
Protein Characteristics:	AA 1-1290
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This PER1 protein is labelled with GST tag.
Application:	ELISA, Western Blotting (WB), Antibody Array (AA), Affinity Purification (AP)

Product Details

Sequence: MSGPLEGADG GGDPRPGESF CPGGVPSGP PQRPCPGPS LADTDANSN GSSGNESNGH
ESRGASQRSS HSSSSGNGKD SALLETTESS KSTNSQSPSP PSSSIAYSLI SASSEQDNPS
TSGCSSEQSA RARTQKELMT ALRELKLRIP PERRGKGRSG TLATLQYALA CVKQVQANQE
YYQQWSLEEG EPCSMDMSTY TLEELEHITS EYTLQNQDTF SVAVSFLTGR IVYISEQAAV
LLRCKRDVFR GTRFSELLAP QDVGVFYGST APSRLPTWGT GASAGSGLRD FTQEKSVMFCR
IRGGPDRDPG PRYQPFRLTP YVTKIRVSDG APAQPCLLI AERIHSGYEA PRIPDPKRIF
TTRHTPSCLF QDVDERAAPL LGYLPQDLLG APVLLFLHPE DRPLMLAIHK KILQLAGQPF
DHSPIRFCAR NGEYVTMDTS WAGFVHPWSR KVAFVLGRHK VRTAPLNEDV FTTPPASPAP
SLDTDIQELS EQIHRLLLP VHSPSPTGLC GVGAVTSPGP LHSPGSSSDS NGGDAEGPGP
PAPVTFQIC KDVHLVKHQG QQLFIESRAR PQSRPRLPAT GTFKAKALPC QSPDPELEAG
SAPVQAPLAL VPEEAERKEA SSSSYQQINC LDSILRYLES CNLPSTTKRK CASSSYTTS
SASDDDRQRT GPVSVGTTKD PPSAALSSEG ATPRKEPVVG GTLSPLALAN KAESVVSPTS

Product Details

QCSFSSTIVH VGDKKPPESD IIMMEDLPGL APGPAPSPAP SPTVAPDPAP DAYRPVGLTK
AVLSLHTQKE EQAFLSRFRD LGRLRGLDSS STAPSALGER GCHHGPAPPS RRHHCRSKAK
RSRHHQNPRA EAPCYVSHPS PVPPSTPWPT PPATTPFAV VQPYPLPVFS PRGGPQPLPP
APTSVPPAAF PAPLVTPMVA LVLPNYLFPT PSSYPYGALQ TPAEGPPTPA SHSPSPSLPA
LPPSPPHRPD SPLFNSRCSS PLQLNLLQLE ELPRAEGAAV AGGPGSSAGP PPPSAEAAEP
EARLAEVTES SNQDALSGSS DLLELLLQED SRSGTGSAAS GSLGSGLGSG SGSGSHEGGS
TSASITRSSQ SSHOTSKYFGS IDSSEAEAGA ARGGAEPGDQ VIKYVLQDPI WLLMANADQR
VMMTYQVPSR DMTSVLKQDR ERLRAMQKQQ PRFSEDQRRE LGAVHSWVRK GQLPRALDVM
ACVDCGSSTQ DPGHPDDPLF SELDGLGLEP MEEGGGEQGS SGGGSGEGEG CEEAQGGAKA
SSSQDLAMEE EEEGRSSSSP ALPTAGNCTS

Characteristics: Human PER1 full-length ORF (NP_002607.1, 1 a.a. - 1290 a.a.)
Position of tag: N-terminal

Purification: in vitro wheat germ expression system

Target Details

Target: PER1

Alternative Name: PER1 ([PER1 Products](#))

Background: Gene: period homolog 1 (Drosophila)
Synonyms: MGC88021, PER, RIGUI, hPER

NCBI Accession: [NP_002607](#), [NM_002616](#)

Pathways: [Photoperiodism](#)

Application Details

Application Notes: Application specialization: Recombinant protein

Restrictions: For Research Use only

Handling

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

Storage: -80 °C

Storage Comment: Store at -80 °C. Aliquot to avoid repeated freezing and thawing. Best use within three months from the date of receipt of this protein.

Handling

Expiry Date: 3 months