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Datasheet for ABIN7317744

14-3-3 eta Protein (YWHAH) (GST tag)

Overview

Quantity:	100 µg
Target:	14-3-3 eta (YWHAH)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This 14-3-3 eta protein is labelled with GST tag.

Product Details

Purpose:	Recombinant Human 14-3-3 eta/YWHAH Protein (GST Tag)
Sequence:	Gly 2-Asn 246
Characteristics:	A DNA sequence encoding the human YWHAH (Q04917) (Gly 2-Asn 246) was fused with the GST tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.

Target Details

Target:	14-3-3 eta (YWHAH)
Alternative Name:	14-3-3 eta/YWHAH (YWHAH Products)
Background:	Background: YWHAH, the gene encoding the 14-3-3eta isoform, is highly expressed in retinal ganglion cells (RGC). YWHAH is a positional and functional candidate gene for both schizophrenia and bipolar disorder (BP). It is located on chromosome 22q12.3, a region which has been implicated by linkage studies in both BP and schizophrenia.

Target Details

	Synonym: YWHA1
Molecular Weight:	55 kDa
UniProt:	Q04917
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , C21-Steroid Hormone Metabolic Process , Myometrial Relaxation and Contraction

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile 20 mM Tris, 0.15M NaCl, 20 mM GST, pH 8.0
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.