

Product Information

MemDX™ Membrane Protein Human YWHAH (Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein eta) for Antibody Discovery

Cat. No.: **MP1401J**

This product is for research use only and is not intended for diagnostic use.

This product is a 54.9 kDa Human YWHAH membrane protein expressed in E.coli. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

YWHAH

Protein Length

Partial (4-246aa)

Protein Class

Ion Channel

Molecular Weight

54.9 kDa

Sequence

REQLLQRLARLAEQAERYDDMASAMKAVTELNEPLSNEDRNLLSVAYKNVVGARRSSWRVISSIEQKTMADGNEKKLEKVKAYREK

Product Description

Expression Systems

E.coli

Tag

N-GST

Form

Liquid or Lyophilized powder

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration).

Purity

>90% as determined by SDS-PAGE

Buffer

Liquid: Tris/PBS-based buffer, 5%-50% glycerol

Lyophilized powder: Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

YWHAH

Full Name

Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein eta

Introduction

This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99% identical to the mouse, rat and bovine orthologs. This gene contains a 7 bp repeat sequence in its 5' UTR, and changes in the number of this repeat have been associated with early-onset schizophrenia and psychotic bipolar disorder.

Alternative Names

14 3 3 protein eta; 14-3-3 eta; 14-3-3 protein eta; 1433F_HUMAN; Brain protein 14-3-3; eta isoform; HGNC:12853; Protein AS1; Tyrosine 3 monooxygenase/tryptophan 5 monooxygenase activation protein 1; Tyrosine 3 monooxygenase/tryptophan 5 monooxygenase activation protein eta polypeptide; Tyrosine 3 monooxygenase/tryptophan 5 monooxygenase activation protein; eta isoform; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein; eta; Tyrosine 3/tryptophan 5 monooxygenase activation protein eta polypeptide; YWHA 1; YWHA1; Ywhah

Gene ID

[7533](#)

UniProt ID

[Q04917](#)