

Recombinant Mouse YWHAB Protein (1-246 aa), His-tagged

Cat. No. YWHAB-2401M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse YWHAB Protein (1-246 aa) is produced by Yeast expression system. This protein is fused with a 10xHis tag at the N-terminal. Research Area: Neuroscience. Protein Description: Full Length.
Species	Mouse
Source	Yeast
ProteinLength	1-246 aa
Description	Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. Negative regulator of osteogenesis. Blocks the nuclear translocation of the phosphorylated form (by AKT1) of SRPK2 and antagonizes its stimulatory effect on cyclin D1 expression resulting in blockage of neuronal apoptosis elicited by SRPK2. Negative regulator of signaling cascades that mediate activation of MAP kinases via AKAP13.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	30.6 kDa
AA Sequence	MTMDKSELVQKAKLAEQAERYDDMAAAMKAVTEQGHLSNEERNLLSVAYKNVVG ARRSSWRVISSIEQKTERNEKKQQMGKEYREKIEAELQDICNDVLELLDKYLILNATQ

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AESKVFYLMKMGDYFRYLSEVASGENKQTTVSNSQQAYQEAFEISKKEMQPTHPIRL
GLALNFSVFYYEILNSPEKACSLAKTAFDEAIAELDTLNEESYKDSTLIMQLLRDNLTL
WTSENQGDDEGDAGEGEN

Purity > 85% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name Ywhab tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide [Mus musculus]

Official Symbol YWHAB

Synonyms YWHAB; 14-3-3 protein beta/alpha; KCIP-1; 14-3-3 protein beta; protein kinase C inhibitor protein 1; 1300003C17Rik;

Gene ID 54401

mRNA Refseq NM_018753

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Protein Refseq	NP_061223
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UniProt ID	Q9CQV8
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