

Recombinant Human MOB4, His-tagged

Cat. No. MOB4-7762H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human MOBLike Protein Phocein/MOB4 is produced by our E. coli expression system. The target protein is expressed with sequence (Met1Ala225) of Human MOB4 fused with a 6His tag at the Nterminus.

Species Human

Source E.coli

Description MOBLike Protein Phocein is a member of the MOB1/Phocein Family. MOBLike Protein Phocein is associated with membranes and the Golgi stacks. It is present in the cytosol, where it behaves as a protein complex. It has been shown that MOBLike Protein Phocein interacts with DNM1, EPS15 and Nucleoside Diphosphate Kinase. MOBLike Protein Phocein is the major partner of Striatin Family members and may play a important role in membrane trafficking, specifically in membrane budding reactions.

Form Lyophilized from a 0.2 µM filtered solution of 20mM TrisHCl, 150mM NaCl, 1mM DTT, pH 8.0

AA Sequence MGSSHHHHHH SSGLVPRGSH MVMAEGTAVL RRNRPGTKAQ DFYNWPDESFD
 DEMDSTLAVQ QYIQQNIRA DCSNIDKILE PPEGQDEGVW KYEHLRQFCL
 ELNGLAVKLQ SECHPDTCTQ M TATEQWIF LCAAHKTPKE CPAIDYTRHT
 LDGAACLLNS NKYFPSRVSI KESSVAKLGS VC RRIYRIF SHAYFHHRQI
 FDEYENETFL CHRFTKFVMK YNLMSKDNLV VPILEEEVQN SVS GESEA*

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Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Notes	For research use only.
Storage	Lyophilized protein should be stored at less than 20°C. though stable at room temperature for 3 weeks.Reconstituted protein solution can be stored at 4-7°C. for 2-7 days.Aliquots of reconstituted samples are stable at less than 20°C. for 3 months.

GENE INFORMATION

Gene Name	MOB4 MOB family member 4, phocein [Homo sapiens]
Official Symbol	MOB4
Synonyms	MOB4;CGI-95, 2C4D, MOB1, MOB3, MOBKL3, PHOCN, PREI3
Gene ID	25843
MIM	609361
UniProt ID	Q9Y3A3
Chromosome Location	2q33.1
Function	metal ion binding; protein binding

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