



Recombinant Mouse Homer protein homolog 2 (Homer2)

Product Code	CSB-EP865573MO-B
Abbreviation	Homer2
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9QWW1
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MGEQPIFTTR AHVFQIDPST KKNWVPASKQ AVTVSYFYDV TRNSYRIISV DGAKVIINST ITPNMTFTKT SQKFGQWADS RANTVFGLGF SSELQLTKFA EKQFQVREAA RLARDKSQEK TETSSNHSQE SGCETPSSTQ ASSVNGTDDE KASHASPADT HLKSENDKLG IALTQSAANV KKWEMELQTL RESNARLTTA LQESAASVEQ WKRQFSICRD ENDRLRKIE ELEEQCSEIN REKEKNTQLK RRIEELESEV RDKEMELKDL RKQSEIIPQL MSECEYVSEK LEAAERDNQN LEDKVRSLKT DIEESKYRQR HLGELKSFL EVLDGKIDDL HDFRRGLSKL GTDN
Source	E.coli
Target Names	Homer2
Protein Names	Recommended name: Homer protein homolog 2 Short name= Homer-2 Alternative name(s): Cupidin VASP/Ena-related gene up-regulated during seizure and LTP 2 Short name= Vesl-2
Expression Region	1-354
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene encodes a member of the homer family of dendritic proteins. Members of this family regulate group 1 metabotropic glutamate receptor function. The encoded protein may be involved in cell growth. Four transcript variants encoding distinct isoforms have been identified for this gene.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.