

Recombinant Full Length Mouse Glutamate Carboxypeptidase 2(Folh1) Protein, His-Tagged

Cat. No. RFL25880MF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Mouse Glutamate carboxypeptidase 2(Folh1) Protein (O35409) (1-752aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Mus musculus

Source

E.coli

ProteinLength

Full Length (1-752)

Form

Lyophilized powder

AA Sequence

MWNALQDRDSA EVLGHRQRWLRVGT LVLALTGTFLIGFLFGWFIKPSNEATGNVSH
 SGMKKEFLHELKAENIKKFLYNFTRTPHLAGTQNNFELAKQIHDQWKEFGLDLVELS
 HYDVLLSYPNKTHPNYISIINEDGNEIFKTSLSEQPPPGYENISDVVPPYSAFSPQGTP
 EGDLYVYNYARTEDFFKLEREMKISCSGKIVIARYGKVFRGNMVKNAQLAGAKGMIL
 YSDPADYFVPAVKSYPDGWNLPGGGVQRGNVNLNLGAGDPLTPGYANEHAYRH
 ELTNAVGLPSIPVHPIGYDDAQKLEHMGGPAPPDSSWKGLKVPYNVGPGFAGNF
 STQKVKMHIHSYTKVTRIYNVIGTLKGALEPDRYVILGGHRDAWVFGGIDPQSGAAV
 VHEIVRSFGTLKKKGRRPRRTILFASWDAEEFLLGSTEWAEHRSRLQERGVAYIN
 ADSSIEGNYTLRVDCTPLMYSLVYNLTKE LQSPDEGFEGKSLYDSWKEKSPSPEFIG
 MPRISKLGSGNDFEVFFQRLGIASGRARYTKNWKTNKVSSYPLYHSVYETYELVVKF
 YDPTFKYHLTVAQVRGAMVFELANSIVLPFDCQSYAVALKKYADTIYNISMKHPQEM
 KAYMISFDSLFSAVNNFTDVASKFNQRLQELDKSNPILLRIMNDQLMYLERAFIDPLG

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	LPGRPFYRHIIYAPSSHNKYAGESFPGIYDALFDISSKVNASKAWNEVKRQISIAFTTV QAAAETLREVA
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.
GENE INFORMATION	
Gene Name	Folh1
Synonyms	Folh1; Mopsm; Naalad1; Glutamate carboxypeptidase 2; Folate hydrolase 1; Folylpoly-gamma-glutamate carboxypeptidase; FGCP; Glutamate carboxypeptidase II; GCPII; Membrane glutamate carboxypeptidase; mGCP; N-acetylated-alpha-linked acidic dipeptidase I; NAA
UniProt ID	O35409

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