

Recombinant Mouse Otopetrin-1(Otop1) Protein, His-Tagged

Cat. No. RFL24332MF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Mouse Otopetrin-1(Otop1) Protein (Q80VM9) (1-600aa), fused to N-terminal His tag, was expressed in E. coli.

Species Mus musculus

Source E.coli

ProteinLength Full Length (1-600aa)

Form Lyophilized powder

AA Sequence

MPGGPGAPSSPAASSGSSRAAPSGIAACPLSPPLARGSPQASGPRRGASVPQKL
 AETLSSQYGLNVFVAGLLFLLAWAVHATGVGKSDLLCVLTALMLLQLLWMLWYVGR
 SYMQRRLLIRPKDTHAGARWLRGSITLFAFITVVLGCLKVAYFIGFSECLSATGEVFPV
 THAVHTLLQVYFLWGHAKDIIMSFKTLERFGVIHSVFTNLLLWANSVLNESKHQLNEH
 KERLITLGFGNITIVLDDHTPQCNCCTPPALCSALSHGIYYLYPFNIEYQILASTMLYVLW
 KNIGRRVDSSQHQMQRFDGVLVGSVLGLTVLAATIAVVVVYMIHIGRSKSKSESA
 LIMFYLYAITVLLLGAAGLVGSWIYRVDEKSLDESKNPARKLDVDLLVATGSGSWLL
 SWGSILAIACAETRPPYTWYNLPYSVLVIVEKYVQNIFIIESVHLEPEGVPEDVRTLRV
 VTVCSSAAAALAASTLGSQGMAQDGSPAVNGNLCLQQRCKEDQESGWEGATGT
 TRCLDFLQGGMKRLLRNITAFRLFCLNISLWIPPAFGCRPEYDNGLEEIVFGFEPWIIV
 VNLAMPFSIFYRMHAAAALFEVYCKI Note: The complete sequence including tag se
 quence, target protein sequence and linker sequence could be provided upon reques
 t.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	Greater than 90% as determined by 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	Otop1
Synonyms	Otop1; Proton channel OTOP1; Otopetrin-1
UniProt ID	Q80VM9

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA