Recombinant Mouse Best3 Protein, His&GST-tagged

Cat. No. Best3-313M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Best3 Protein (Glu507-Phe669) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Glu507-Phe669
Description	Enables chloride channel activity. Acts upstream of or within inorganic anion transport and negative regulation of ion transport. Predicted to be located in plasma membrane. Predicted to be integral component of membrane. Predicted to be part of chloride channel complex. Orthologous to human BEST3 (bestrophin 3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 47.9 kDa Accurate Molecular Mass: 50&55 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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	48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Best3 bestrophin 3 [Mus musculus (house mouse)]
Official Symbol	Best3
Synonyms	BEST3; bestrophin 3; bestrophin-3; vitelliform macular dystrophy 2-like 3; vitelliform macular dystrophy 2-like protein 3; Vmd2l3; mBest4
Gene ID	382427
mRNA Refseq	NM_001007583
Protein Refseq	NP_001007584
UniProt ID	Q6H1V1

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