

Recombinant Pig SLC26A5 Protein, His-tagged

Cat. No. SLC26A5-1190P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig SLC26A5 Protein (Ala524-Ser712) with His tag was expressed in E. coli.
Species	Pig
Source	E.coli
ProteinLength	Ala524-Ser712
Description	Motor protein that converts auditory stimuli to length changes in outer hair cells and mediates sound amplification in the mammalian hearing organ.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.7 kDa; Accurate Molecular Mass: 27 kDa
Purity	> 95%
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 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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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	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	SLC26A5 solute carrier family 26 member 5 [<i>Sus scrofa</i> (pig)]
Official Symbol	SLC26A5
Synonyms	SLC26A5; solute carrier family 26 member 5; prestin
Gene ID	100190993
mRNA Refseq	NM_001135963
Protein Refseq	NP_001129435
UniProt ID	www.uniprot.org/uniprot/B5TGG8

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