

Recombinant Human SLC26A8 protein, His & GST-tagged

Cat. No. SLC26A8-1214H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC26A8 aa. (Thr664~Val970 (Accession # Q96RN1) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Thr664~Val970
Description	This gene encodes a member of the SLC26 gene family of anion transporters. Family members are well conserved in gene structure and protein length yet have markedly different tissue expression patterns. The expression of this gene appears to be restricted to spermatocytes. Alternatively spliced transcript variants that encode different isoforms have been described.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 64.8kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 4.7.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	SLC26A8 solute carrier family 26 member 8 [Homo sapiens (human)]
Official Symbol	SLC26A8
Synonyms	SLC26A8; solute carrier family 26 member 8; TAT1; SPGF3; testis anion transporter 1; anion transporter/exchanger-8; solute carrier family 26 (anion exchanger), member 8
Gene ID	116369
mRNA Refseq	NM_001193476.1
Protein Refseq	NP_001180405.1

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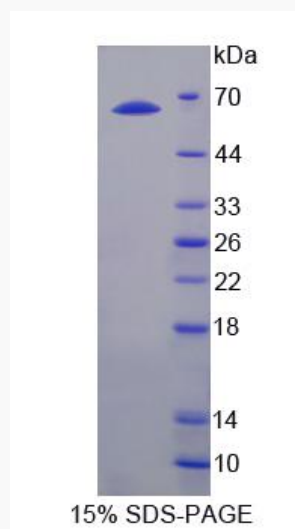
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UniProt ID

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SDS-PAGE

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