

Recombinant Human SLC8A3 Protein, GST-tagged

Cat. No. SLC8A3-66H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC8A3 Protein is produced by Wheat Germ (in vitro) expression system. This protein is fused with a GST tag at the N-terminal.
Species	Human
Source	Wheat Germ
Protein Length	1-284 a.a.
Description	This gene encodes a member of the sodium/calcium exchanger integral membrane protein family. Three mammalian isoforms in family 8 have been identified. Na ⁺ /Ca ²⁺ exchange proteins are involved in maintaining Ca ²⁺ homeostasis in a wide variety of cell types. The protein is regulated by intracellular calcium ions and is found in both the plasma membrane and intracellular organellar membranes, where exchange of Na ⁺ for Ca ²⁺ occurs in an electrogenic manner. Alternative splicing has been observed for this gene and multiple variants have been described.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	57.5 kDa
AA Sequence	MEEEEAKRIAEMGKPVLGHPKLEVIIEESYEFKTTVDKLIKTNLALVVGTHSWRDQ FMEAITVSAAGDEDEDESGEERLPSCFDYVMHFLTTFWKVLFACVPPTHEYCHGWAC FAVSILIIGMLTAIIGDLASHFGCTIGLKDSVTAVVFVAFGTSVPDTFASKAAALQDVYA DASIGNVTGSNAVNVLGIGLAWSVAIIYWALQGQEFHVSAGTLAFSVTLFTIFAFVC

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ISVLLYRRRPHLGGE LGGPRGCKLATTWLFVSLWLLYILFATLEAYCYIKGF

Applications

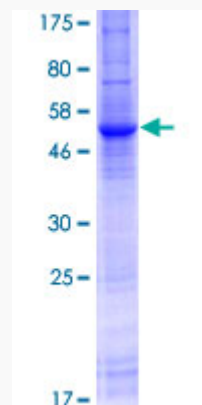
Enzyme-linked Immunoabsorbent Assay;
Western Blot (Recombinant protein);
Antibody Production;
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.



12.5% SDS-PAGE Stained with Coomassie Blue.

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