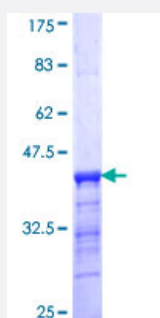


SLC24A1 (Human) Recombinant Protein (Q01)

Catalog # H00009187-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SLC24A1 partial ORF (NP_004718, 162 a.a. - 268 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	IVKKYTPTPRGEMKSYSPTQVREKVKYTPSPRGRRVGTYPSTFMTMETSHAITPRTTVKDSIDAT YKILETNSLKRIMEETPTTLKGMFDSTPTFLTHEVEANV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.51
Interspecies Antigen Sequence	Mouse (46); Rat (45)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — SLC24A1

Entrez GeneID [9187](#)

GeneBank Accession# [NM_004727](#)

Protein Accession# [NP_004718](#)

Gene Name SLC24A1

Gene Alias HsT17412, KIAA0702, NCKX, NCKX1, RODX

Gene Description solute carrier family 24 (sodium/potassium/calcium exchanger), member 1

Omim ID [603617](#)

Gene Ontology [Hyperlink](#)

Gene Summary SLC24A1 belongs to a family of potassium-dependent sodium/calcium exchangers. Members of this family have 2 large hydrophilic loops and 2 sets of multiple transmembrane-spanning segments (Schnetkamp, 2004 [PubMed 14770312]).[supplied by OMIM]

Other Designations retinal rod Na⁺/Ca⁺/K⁺ exchanger