

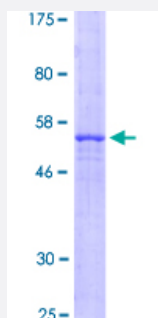
Full-Length

SLC25A4 (Human) Recombinant Protein (P02)

Catalog # H00000291-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SLC25A4 full-length ORF (AAH08664.1, 1 a.a. - 298 a.a.) recombinant protein with GST tag.
Sequence	MGDHAWSFLKDFLAGGVAAAVSKTAVAPIERVKLLLRVQHASRQISAEKQYKGIIIDCVVRIPKEQG FLSFWRGNLANVIRYFPTQALNFAFKDKYKQLFLGGVDRHKQFWRYFAGNLASGGAAGATSLCF VYPLDFARTRLAADVKGAAQREFHGLGDCIKIFKSDGLRGLYQGFNVSVQGIIRAAAYFGVYDTA KGMLPDPKNVHIFVSWMIAQSVTAVAGLVSYFPD TVRRRMMMQSGRKGADIMYTGTVCWRKIA KDEGAFFKGAWSNVL RGMGGAFVLVLYDEIKKYV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	58.52
Interspecies Antigen Sequence	Mouse (95)
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 — SLC25A4

Entrez GeneID	291
GeneBank Accession#	BC008664.1
Protein Accession#	AAH08664.1
Gene Name	SLC25A4
Gene Alias	AAC1, ANT, ANT1, PEO2, PEO3, T1
Gene Description	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 4
Omim ID	103220 157640 609283
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the mitochondrial carrier subfamily of solute carrier protein genes. The product of this gene functions as a gated pore that translocates ADP from the mitochondrial matrix into the cytoplasm. The protein forms a homodimer embedded in the inner mitochondria membrane. Mutations in this gene have been shown to result in autosomal dominant progressive external ophthalmoplegia and familial hypertrophic cardiomyopathy. [provided by RefSeq]
Other Designations	adenine nucleotide translocator 1 (skeletal muscle)

Pathway

- [Calcium signaling pathway](#)

Disease

- [Abnormalities](#)
- [Genetic Predisposition to Disease](#)
- [Ophthalmoplegia](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)