

Full-Length

SLC29A2 (Human) Recombinant Protein (P01)

Catalog # H00003177-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human SLC29A2 full-length ORF (AAH11387, 1 a.a. - 361 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MARGDAPRDSYHLVGISFFILGLGTLTPWNFFITAIPYFQARLAGAGNSTARILSTNHTGPEDAFNFN HWVTLLSQLPLLLFTLLNSFLYQCVPETVRILGSLLAILLLFALTAALVKVDMSPGPFFSITMASVCFI NSFSAVLQGSLFGQLGTMPSTYSTLFLSGQGLAGIFAALAMLLAMASGVDAETSALGYFITPCVGIL MSIVCYLSLPHLKFARYYLANSSQAQAQELETKAELLQSDLADSAVPCVGLHSHPVRLPRHHSH GDQLHQSWEVESVLQPHLLLPPLQHHGLAGTEPDLLL PVARRGQPAAPAGLPVAVPVRAPLHA VPRAPEVPAAHPLPTGCLLHHLHAALCRF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	65.45
Interspecies Antigen Sequence	Mouse (86)
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 — SLC29A2

Entrez GeneID[3177](#)**GeneBank Accession#**[BC011387](#)**Protein Accession#**[AAH11387](#)**Gene Name**

SLC29A2

Gene Alias

DER12, ENT2, HNP36

Gene Description

solute carrier family 29 (nucleoside transporters), member 2

Omim ID[602110](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The uptake of nucleosides by transporters, such as SLC29A2, is essential for nucleotide synthesis by salvage pathways in cells that lack de novo biosynthetic pathways. Nucleoside transport also plays a key role in the regulation of many physiologic processes through its effect on adenosine concentration at the cell surface (Griffiths et al., 1997 [PubMed 9396714]).[supplied by OMIM]

Other Designations

equilibrative nucleoside transporter 2|hydrophobic nucleolar protein, 36kD

Disease

- [Depressive Disorder](#)

- [Fatigue](#)
- [Sleep Disorders](#)
- [Sleep Initiation and Maintenance Disorders](#)