SLC19A2 Protein, Human (Sf9, His, Strep, FLAG)

Cat. No.:	HY-P702013
Synonyms:	SLC19A2; Thiamine transporter 1; ThTr-1; ThTr1; Solute carrier family 19 member 2; Thiamine carrier 1; TC1
Species:	Human
Source:	Sf9 insect cells
Accession:	O60779 (D2-S497)
Gene ID:	10560
Molecular Weight:	

PROPERTIES

Appearance	Solution.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	SLC19A2 Protein takes on a pivotal role as a high-affinity transporter facilitating the uptake of thiamine, as substantiated by various studies. In addition to its role in thiamine transport, this protein also mediates H(+)-dependent pyridoxine transport, contributing to the cellular uptake of pyridoxine. This dual functionality underscores the importance of SLC19A2 in the cellular processes associated with the intake of essential vitamins, emphasizing its significance in maintaining metabolic and biochemical functions.

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