

TAL Protein, *Rhodotorula glutinis* (FLAG, His)

Cat. No.:	HY-P702095
Synonyms:	TAL; Tyrosine ammonia lyase
Species:	Others
Source:	E. coli
Accession:	U5TV35 (M1-A693)
Gene ID:	/
Molecular Weight:	

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of 50 mM Tris-HCl, pH7.5, 200 mM NaCl, 20% glycerol.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	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	<p>The TAL Protein is an essential member of the PAL/histidase family, indicating its involvement in crucial biological processes. As part of this family, TAL likely shares conserved features and functions with related proteins, possibly contributing to enzymatic activities associated with histidine metabolism. The membership in the PAL/histidase family suggests a role in pathways related to the catabolism or regulation of histidine, emphasizing its significance in cellular homeostasis. The study of TAL provides a foundation for understanding its specific contributions within the context of the PAL/histidase family, offering potential insights into its enzymatic functions and broader implications for histidine-related processes in biological systems. Further exploration of TAL's characteristics can deepen our understanding of its role and significance in cellular metabolism.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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