

RRAS2 Protein, Human (His, Strep)

Cat. No.:	HY-P701975
Synonyms:	RRAS2; Ras-related protein R-Ras2; Ras-like protein TC21; Teratocarcinoma oncogene
Species:	Human
Source:	E. coli
Accession:	P62070 (M1-F204)
Gene ID:	22800
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	RRAS2, a GTP-binding protein endowed with GTPase activity, intricately regulates the MAPK signaling pathway, thereby exerting control over diverse cellular processes. Its pivotal role in MAPK signaling underscores its significance in orchestrating cellular responses. Notably, RRAS2's involvement extends to the regulation of craniofacial development, emphasizing its multifaceted influence on biological pathways crucial for proper cellular and developmental outcomes.
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Caution: Product has not been fully validated for medical applications. For research use only.

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