

RRAS2 Protein, Human, Recombinant (GST)

General Information

Synonyms:	Ras-related protein R-Ras2;RRAS2;Ras-like protein TC21;TC21;Teratocarcinoma oncogene
Protein Construction:	1-204 aa
Species:	Human
Expression Host:	E. coli
Accession:	P62070
Molecular Weight:	50.1 kDa (predicted)
AA Sequence:	MAAAGWRDGSQGQEKYRLVVVGGGGVGVKSAITQFIQSYFVTDYDPTIEDSYTKQCVIDDRAARLDILDITAGQE EFGAMREQYMRTGEGFLLVFSVTDGRGSFEEIYKFQRQILRVKDRDEFPMILIGNKADLDHQRQVTQEEGQQLA RQLKVTYMEASAKIRMNVDQAFHELVRVIRKFQEQECPSPPEPTRKEKDKKGCHCVIF

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 90% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

GTP-binding protein with GTPase activity involved in the regulation of MAPK signaling pathway, thereby controlling multiple cellular processes. Involved in the regulation of MAPK signaling pathway. Regulation of craniofacial development.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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