Recombinant SRC2 protein (His tag)

Catalog Number	531990
Synonyms	SRC oncogene related protein 2
Species	Caenorhabditis elegans
Expression System	E. coli
Accession	O45539
Gene ID	173296
Molecular Weight	Predictes a molecular mass of 53.24 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 55 kDa band.

Product Information

Sequence Region	60-507
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>86%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 60-507 aa (O45539) were fused with 6His tag.

Storage & Handling

Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Description

Description	Recombinant Tyrosine protein-kinase src-2 (EC 2.7.10.2) fragment (residues 60-507) from Caenorhabditis elegans, encompassing the complete SH2 and Protein kinase domains. This high-purity fragment serves as an essential tool for investigating domain-specific functions in kinase signaling pathways, larval development, and pharynx biology. Tyrosine protein-kinase src-2 is a non-receptor tyrosine-protein kinase implicated in larval and pharynx development in Caenorhabditis elegans. Unlike its homolog src-1, it does not contribute to embryonic development, highlighting its specific role in post-embryonic processes. The protein's kinase activity regulates key signaling pathways, making it a valuable subject for studying developmental biology and cellular signaling mechanisms.