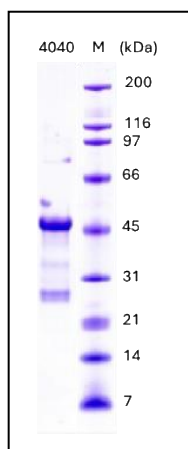


Recombinant GST-SRC1-RID (627-786)

Catalog Number	Size
AG4040-10	10ug
AG4040-25	25ug
AG4040-B	Bulk

Description



The GST-SRC1-RID (627-786) protein was expressed in the E coli system and purified by the combination of Glutathione sepharose affinity column and other conventional chromatographic methods. The resulted protein contains 391 amino acids with a GST tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 46kDa.

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MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL
EFPNLPYYID GDVKLTQSM A IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH
PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA
WPLQGQATF GGGDHPPKSD LVPRGSPMGH MSQTSCLKVQ LLTTTAEQQL
RHADIDTSCK DVLSTGTSTN SASANSSGGS CPSSHSSLTE RHKILHRLQ
EGSPSDITTL SVEPDKKDSA STSVSVTGQV QGNSSIKLEL DASKKKESKD
HQLRLYLDDK DEKDLRSTPN LSLDDVKVKV EKKEQMDPCN T-

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Accession Number

NM_003743

Molecular Mass

Approximately 46kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

The SRC1 (NCOA1) protein is a transcriptional coactivator that mediates the activated transcription driven by many nuclear hormone receptors. The recombinant GST- SRC1-RID protein can be used for the studies of transcription assays, protein-protein interactions and other related function assays.

Formulation

20mM Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.

Storage

The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity. (**Avoid repeated freeze-thaw cycle**)

FOR RESEARCH USE ONLY!!!