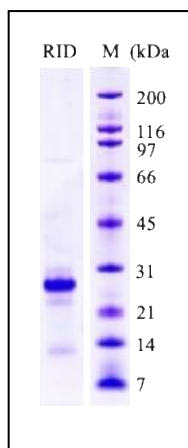


Recombinant SRC1-RID (627-786)

Catalog Number	Size
AG1080-10	10ug
AG1080-25	25ug
AG1080-B	Bulk

Description



The receptor binding domain of human steroid receptor coactivator 1 (SRC1-RID) was expressed in the E coli system and purified by the combination of Ni-affinity column and other conventional chromatographic methods. The resulted protein contains 178 amino acids with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 25kDa.

MHHHHHHSSGLGPRGSHMSQTSHKLVQLLTTTAEQQLRHADIDTSCKDVL
SCTGTSNSASANS SGGSCPSSHSSSLTERHKILHRLLQEGSPSDITTL SVE
PDKKDSASTSVSVTGQVQGNSSIKLELDASKKKESKDHQLRLRYLLDKDEK
DLRSTPNLSLDDVKVKVEKKEQMDPCNT-

Accession Number

NM_003743

Molecular Mass

Approximately 25kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

The SRC1 protein is a transcriptional coactivator that mediates the activated transcription driven by many nuclear hormone receptors. The recombinant SRC1-RID protein can be used for the studies of transcription assays, protein-protein/protein-ligand 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!!!