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SSR4 Human

Catalog #:PRPS-1301

For research use only.

Description:SSR4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 144 amino acids (24-144 a.a.) and having a molecular mass of 16.1kDa.SSR4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms:TRAPD, Translocon-associated protein subunit delta, TRAP-delta, Signal sequence receptor subunit delta SSR-delta.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSEACLEPQ ITPSYYTTSD AVISTETVFI VEISLTCKNR VQNMALYADV GGKQFPVTRG QDVGRYQVSW SLDHKSAHAG TYEVRFFDEE SYSLLRKAQR NNEDISIIPP LFTVSVDHRG TWNG.

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:
SSR4 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.

Stability:
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
SSR4 is a member of the TRAP-delta family. SSR4 is the delta subunit of the translocon-associated protein complex that participates in translocating proteins throµgh the endoplasmic reticulum membrane. SSR4 positioned in the Xq28 region and organized in a compact head-to-head manner with the isocitrate dehydrogenase 3 (NAD+) gamma gene. Both genes are motivated by a CpG-embedded bidirectional promoter.

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