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32-4977: Recombinant Human StAR-Related Lipid Transfer Domain Containing 5

Alternative Name : StAR-Related Lipid Transfer (START) Domain Containing 5, START Domain-Containing Protein 5,StARD5.

Description

Source : Escherichia Coli. STARD5 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain topological domain containing 236 amino acids (1-213 a.a) and having a molecular mass of 26.2kDa. STARD5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. STARD5 is a member of the STARD family of proteins. This family of proteins has 15 different members, all of which hold the distinctive START domain and have a vital part in the metabolism and transport of lipids. The STARD family of proteins has six subfamilies based on their START domain sequences. STARD5 constitute one subfamily, sharing approximately 30% amino acid identity with each other. Even though STARD5 is not sterol-regulated it is induced by endomplasmic reticulum (ER) stress.

Product Info

Amount :	20 µg
Purification :	"Greater than 95.0% as determined by SDS-PAGE."
Content :	STARD5 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 20% glycerol.
Storage condition :	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).Please avoid freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMDPALAA QMSEAVAEKM LQYRRDTAGW KICREGNGVS VSWRPSVEFP GNLYRGEGIV YGTLEEVWDC VKPAVGGLRV KWDENVTGFE IIQSITDTLC VSRTSTPSAA MKLISPRDFV DLVLVKRYED GTISSNATHV EHPLCPPKPG FVRGFNHPCG CFCEPLPGEP TKTNLVTFFH TDLSGYLPQN VVDSFFPRSM TRFYANLQKA VKQFHE