

32-2168: ASRGL1 Recombinant Protein

Alternative Name ALP,ALP1,CRASH,Isoaspartyl peptidase/L-asparaginase,Asparaginase-like protein 1,Beta-aspartyl-peptidase,Isoaspartyl dipeptidase,L-asparagine amidohydrolase.

Description

Source : Escherichia Coli. ASRGL1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 331 amino acids (1-308 a.a) and having a molecular mass of 34.4kDa.ASRGL1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Isoaspartyl peptidase/L-asparaginase (ASRGL1) is a 308 amino acid protein which is a member of the Ntn-hydrolase family. ASRGL1 is an autoantigenic protein which is present in the mid-piece of sperm after obstruction of the male reproductive tract. ASRGL1 is expressed highly in the testis, but is also expressed in the brain, kidney and gastrointestinal tissues. High levels of ASRGL1 are also detected in ovarian, uterine and mammary tumors in comparison with normal tissues of the same origin.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	ASRGL1 protein solution (0.5mg/ml) containing Phosphate buffer saline, (pH 7.4) ,10% glycerol and 1mM DTT.
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).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMPNPIVVV HGGGAGPISK DRKERVHQGM VRAATVGYGI LREGGSAVDA VEGAVVALED DPEFNAGCGS VLNTNGEVEM DASIMDGKDL SAGAVSAVQC IANPIKLARL VMEKTPHCFL TDQGAAQFAA AMGVPEIPGE KLVTERNKKR LEKEKHEKGA QKTDQCQKNLG TVGAVALDCK GNVAYATSTG GIVNKMVGRV GDSPCLGAGG YADNDIGAVS TTGHGESILK VNLARLTLFH IEQGKTVEEA ADLSLGYMKS RVKGLGGLIV VSKTGDWVAK WTSTSMPWAA AKDGKHLHFGI DPDDTTITDL P.