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ASRGL1, 1-308aa Human, His tag, E.coli

产品货号: TP01256

第三版

**别名:** Isoaspartyl peptidase/L-asparaginase, ALP, ALP1, CRASH

**描述:** Isoaspartyl peptidase/L-asparaginase, also known as ASRGL1, is a 308 amino acid protein belonging to the Ntn-hydrolase family. ASRGL1 has been identified as an autoantigenic protein that is present in the mid-piece of sperm after obstruction of the male reproductive tract. It is expressed highly in testis, but is also expressed in brain, kidney and gastrointestinal tissues. High levels of ASRGL1 have also been identified in ovarian, uterine and mammary tumors in comparison with normal tissues of the same origin. Recombinant human ASRGL1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid. In Phosphate buffer saline (pH 7.4) containing 10% glycerol , 1mM DTT

**分子量:** 34.4 kDa (331aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMNPVVHGGGAGPISKDRKERVHQGMVRAATVGYGILREGGSAVDAVEGAVV  
ALEDDPEFNAGCGSVLNTNGEVEMDASIMDGKDLGAVSAVQCIANPIKLARLVMEKTPHCFLTDQGAAQFAAAMGV  
PEIPGEKLVTERNKKRLEKEKHEKGAQKTDCCQKNLGTGVAVALDCKGNVAYATSTGGIVNKMVGRVGDSPCLGAGGY  
ADNDIGAVSTTGHGESILKVNLARLTLFHIEQGKTVEEAADLSLGYMKSrvKGLGLIVVSKTGDWVAKWTSTSMPWAA  
AKDGKLHFGIDPDDTTITDLP

**纯度:** > 95% by HPLC

**浓度:** 0.5 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.