

---

## Product Data Sheet

---

Product Name: ASRGL1 Human  
 Cat. No.: GP21424  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	ALP; ALP1; CRASH; ;Beta-aspartyl-peptidase; Isoaspartyl dipeptidase.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMNPIVVV HGGGAGPISK DRKERVHQGM VRAATVGYGI LREGGSAVDAVEGAVVALED DPEFNAGCGS VLNTNGEVEM DASIMDGKDL SAGAVSAVQC IANPIKLARL VMEKTPHCFLTDQGAAQFAA AMGVPEIPGE KLVTERNKKR LEKEKHEKGA QKTDCQKNLG TVGAVALDCK GNVAYATSTGGIVNKMVGRV GDSPCLGAGG YADNDIGAVS TTGHGESILK VNLARLTLFH IEQGKTVEEA ADLSLGYMKSrvKGLGLIV VSKTGDWVAK WTSTSMPWAA AKDGKLHFGI DPDDTTITDL P.		
Formulation	ASRGL1 protein solution (0.5mg/ml) containing Phosphatebuffer saline, (pH 7.4) ,10% glycerol and1mM DTT.		

### Introduction

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.

### 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.

### Background

ASRGL1 Human Recombinant produced in E.Coli is a single, non-glycosylated

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

## Product Data Sheet

---

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.

***Caution: Product has not been fully validated for medical applications. For research use only.***

***Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com***

***Address: 10292 Central Ave. #205, Montclair, CA, USA***