

Recombinant Human asparaginase like 1, His-tagged

Cat. No. ASRGL1-666H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ASRGL1, 1-308aa Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-308 a.a.
Description	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.
Form	Liquid. In Phosphate buffer saline (pH 7.4) containing 10% glycerol , 1mM DTT
Molecular Mass	34.4 kDa (331aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMNPVVV HGGGAGPISK DRKERVHQGM VRAATVGYGI LREGGSAVDA VEGAVVALED DPEFNAGCGS VLNTNGEVEM DASIMDGKDL SAGAVSAVQC IANPIKLARL VMEKTPHCFL TDQGAAQFAA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AMGVPEIPGE KLVTERNKKR LEKEKHEKGA QKTDCQKNLG TVGAVALDCK
 GNVAYATSTG GIVNKMVGRV GDSPCLGAGG YADNDIGAVS TTGHGESILK
 VNLARLTLFH IEQGKTVEEA ADLSLGYMKS RVKGLGGLIV VSKTGDWVAK
 WTSTSMPWAA AKDGKLHFGI DPDDTTITDL P

Purity >90% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [ASRGL1\[Homo sapiens \]](#)

Official Symbol ASRGL1

Synonyms ASRGL1; ALP; ALP1; asparaginase like 1 protein; FLJ22316;

Gene ID [114242](#)

MIM [609212](#)

UniProt ID [Q7L266](#)

Chromosome Location 11q12.3

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