

Recombinant Human Asparaginase Like 1

Cat. No. ASRGL1-1841H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant ASRGL1 produced from E. coli containing 303 amino acids and having a MW of 31.731 kDa.
Species	Human
Source	E. coli
Description	ASRGL1 is an enzyme that depletes ASRGL1 - an important nutrient for cancer cells resulting in cancer/tumor cell starvation. ASRGL1 is an anti-tumor agent derived from E. coli., which can inhibit the growth of malignant cells. It is used mainly for the induction of remission in acute lymphoblastic leukemia. Because of the lymph node origin of malignant B cells in Multiple Myeloma, ASRGL1 is an essential amino acid for their cell metabolism, and consequently, ASRGL1 may be of value in managing the disease.
Form	The enzyme was lyophilized with no additives.
Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Purity	Greater than 96.0% as determined by: Analysis by RP-HPLC, analysis by reducing and non-reducing SDS-PAGE stained Coomassie blue gel.
Specific Activity	250,000 IU/mg.
Storage	Two years when stored at -20°C, 2 weeks at 4°C.

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OfficialSymbol ASRGL1

GENE INFORMATION

Gene Name [ASRGL1 asparaginase like 1 \[Homosapiens \]](#)

Synonyms ASRGL1; asparinaselike 1; ALP;ALP1; CRASH; FLJ22316; L-asparaginase; OTTHUMP00000236068;OTTHUMP00000236070; L-asparagine amidohydrolase; asparaginase-like 1 protein;asparaginase-like protein 1

Gene ID [80150](#)

mRNA Refseq [NM_001083926](#)

Protein Refseq [NP_001077395](#)

MIM [609212](#)

UniProt ID [Q7L266](#)

Chromosome Location 11q12.3

Function N4-(beta-N-acetylglucosaminy)-L-asparaginaseactivity; asparaginase activity; hydrolase activity

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