Recombinant Human ASPA protein, His&Myc-tagged

Cat. No. ASPA-2202H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ASPA protein(P45381)(1-313aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in Insect Cell.
Species	Human
Source	Insect Cells
ProteinLength	1-313aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	39.7 kDa
AA Sequence	MTSCHIAEEHIQKVAIFGGTHGNELTGVFLVKHWLENGAEIQRTGLEVKPFITNPRAV KKCTRYIDCDLNRIFDLENLGKKMSEDLPYEVRRAQEINHLFGPKDSEDSYDIIFDLH NTTSNMGCTLILEDSRNNFLIQMFHYIKTSLAPLPCYVYLIEHPSLKYATTRSIAKYPV GIEVGPQPQGVLRADILDQMRKMIKHALDFIHHFNEGKEFPPCAIEVYKIIEKVDYPRD ENGEIAAIIHPNLQDQDWKPLHPGDPMFLTLDGKTIPLGGDCTVYPVFVNEAAYYEK KEAFAKTTKLTLNAKSIRCCLH
Purity	Greater than 85% as determined by SDS-PAGE.

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

Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	ASPA aspartoacylase [Homo sapiens]
Official Symbol	ASPA
Synonyms	ASPA; aspartoacylase; aspartoacylase (aminoacylase 2, Canavan disease); ACY2; aminoacylase 2; ASP; Canavan disease; ACY-2; aminoacylase-2;
Gene ID	443
mRNA Refseq	NM_000049
Protein Refseq	NP_000040
MIM	608034
UniProt ID	P45381

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