

## Recombinant Human ASPA protein, His&Myc-tagged

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

### SPECIFICATION

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

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

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| <b>Storage</b>          | Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                           |
| <b>Reconstitution</b>   | 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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                    |
| <b>Gene Name</b>        | ASPA aspartoacylase [ Homo sapiens ]                                                                                                                                                                                                                                                               |
| <b>Official Symbol</b>  | ASPA                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>         | ASPA; aspartoacylase; aspartoacylase (aminoacylase 2, Canavan disease); ACY2; aminoacylase 2; ASP; Canavan disease; ACY-2; aminoacylase-2;                                                                                                                                                         |
| <b>Gene ID</b>          | 443                                                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>      | NM_000049                                                                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>   | NP_000040                                                                                                                                                                                                                                                                                          |
| <b>MIM</b>              | 608034                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>       | P45381                                                                                                                                                                                                                                                                                             |