

# Recombinant Chimpanzee ASAH1 protein, His&Myc-tagged

**Cat. No.** ASAH1-2555C    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Chimpanzee ASAH1 protein(A5A6P2)(22-395aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Chimpanzee                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 22-395aa                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <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>   | 47.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | <p>QHAPPWTEDCRKSTYPPSGPTYRGPVPWYTINLDLPPYKRWHELMMLDKAPMLKVIV</p> <p>NSLKNMINTFVPSGKIVQVDEKLPGLLGNFPGPFEEEMKGIAAVTDIPLGEIISFNIFY</p> <p>ELFTICTSIVAEDKKGHLIHGRNMDFGVFLGWNINNDTWVITEQLKPLTVNLDFQRNN</p> <p>KTVFKASSFAGYVGMLTGFKPGLFSLSLNERFSINGGYLGILEWILGKKDAMWIGFLT</p> <p>RTVLENSTSYEEAKNLLTKTKILAPAYFILGGNQSGEGCVITRDRKESLDVYELDAKQ</p> <p>GRWYVVQTNYDRWKHPFFLDDRRTPAKMCLNRTSQENISFETMYDVLSTKPVLNKL</p> <p>TVYTTLIDVTKGQFETYLRDCPDPCIGW</p> |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                   |

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**Storage**

Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple 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°C/-80°C. Our default final concentration of glycerol is 50%.

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