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ASMT Protein (AA 1-345) (His tag)



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| Quantity: | 1 mg |
|-------------------------------|---|
| Target: | ASMT |
| Protein Characteristics: | AA 1-345 |
| Origin: | Rhesus Monkey |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ASMT protein is labelled with His tag. |
| Application: | ELISA |

| Product Details | |
|------------------|--|
| Sequence: | MGSSGDDGYR LLNEYTNGFM VSQVLFAACE LGVFDLLAEA PGPLDVAAVA AGVEASSHGT |
| | ELLLDTCVSL KLLKVETRAG KAFYQNTELS SAYLTRVSPT SQCNLLKYMG RTSYGCWGHL |
| | ADAVREGKNQ YLQTFGVPAE DLFKAIYRSE GERLQFMQAL QEVWSVNGRS VLTAFDLSGF |
| | PLMCDLGGGP GALAKECLSL YPGCKVTVFD VPEVVRTAKQ HFSFPEEEEI HLQEGDFFKD |
| | PLPEADLYIL ARILHDWADG KCSHLLERVY HTCKPGGGIL VIESLLDEDR RGPLLTQLYS |
| | LNMLVQTEGQ ERTPTHYHML LSSAGFRDFQ FKKTGAIYDA ILVRK |
| Specificity: | Macaca mulatta (Rhesus macaque) |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien |
| | cells or by baculovirus infection. Be aware about differences in price and lead time. |
| Purity: | > 90 % |

Target Details

| Target: | ASMT |
|-------------|---|
| Abstract: | ASMT Products |
| Background: | Recommended name: Acetylserotonin O-methyltransferase. EC= 2.1.1.4. Alternative name(s): Hydroxyindole O-methyltransferase. |
| 11.20 | Short name= HIOMT |
| UniProt: | Q8HZJ0 |

Application Details

Comment:

The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions:

For Research Use only

Handling

| Format: | Lyophilized | |
|------------------|---|--|
| Concentration: | 0.2-2 mg/mL | |
| Buffer: | Tris-based buffer, 50 % glycerol | |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week | |
| Storage: | -20 °C | |
| Storage Comment: | Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C. | |