

Cystathione- β -synthase, Recombinant

Product Information

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| Cat# | DIA-293 |
| Similar | CBS |
| Description | Cystathione- β -synthase, also known as CBS, is an enzyme (EC 4.2.1.22) that in humans is encoded by the CBS gene. CBS uses the cofactor pyridoxal-phosphate (PLP) and can be allosterically regulated by effectors such as the ubiquitous cofactor S-adenosyl-L-methionine (adoMet). This enzyme belongs to the family of lyases, to be specific, the hydro-lyases, which cleave carbon-oxygen bonds. CBS is a multidomain enzyme composed of an N-terminal enzymatic domain and two CBS domains. The CBS gene is the most common locus for mutations associated with homocystinuria. |
| CAS No. | 9023-99-8 |
| Isoelectric point | 6.49 |
| Storage | The lyophilized powder should be stored at -20°C where it is stable for up to several years. The solution could be stored at 4°C where it is stable for up to 1 year. Repeated freezing and thawing cycles of the reconstituted solution is not recommended . |
| Synonyms | Cystathione- β -synthase; CBS; EC 4.2.1.22; 9023-99-8 |
| Enzyme Commission Number | EC 4.2.1.22 |
| Purity | >90% (by SDS-PAGE) |
| pH Stability | 7.4-8.5 |
| Buffer | PBS , pH7.4 |
| Abbr | CBS, Recombinant |
| Alias | CBS |
| Applications | This protein can be used for producing Hcy in vitro diagnosis Kit . |
| Appearance | Lyophilized powder |



Cystathione- β -synthase, Recombinant

Molecular Weight 56 KD

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