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Product Datasheet

Recombinant Human Dihydropyrimidinase/DPYS Protein, Virus ABB-RP03199

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| Article Name | Recombinant Human Dihydropyrimidinase/DPYS Protein, Virus |
| Biozol Catalog Number | ABB-RP03199 |
| Supplier Catalog Number | RP03199 |
| Alternative Catalog Number | ABB-RP03199-100UG |
| Manufacturer | ABclonal |
| Host | Virus |
| Category | Proteine/Peptide |
| Species Reactivity | Human |
| Immunogen | Met1-Pro519 |
| Product Description | DPYS, also known as dihydropyrimidinase, belongs to the DHOase family, hydantoinase/dihydropyrimidinase subfamily. DPYS catalyzes the second step of the reductive pyrimidine degradation, the reversible hydrolytic ring opening of dihydropyrimidines. I... |
| Concentration | < 1 EU/μg of the protein by LAL method. |
| Molecular Weight | 56.8 kDa |
| Tag | No tag |
| NCBI | 1807 |
| UniProt | Q14117 |
| Source | Baculovirus-Insect Cells |

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| Purity | 95 % as determined by SDS-PAGE. |
| Form | Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 3 mM DTT, 10% glycerol, pH 8.0. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| Sequence | MAAPSRLLIRGGRVVNDDFSEVADVLVEDGVVRALGHDLLPPGGAPAGLRVL DAAGKLVLPGGIDTHTHMQFPFMGSRSIDDFHQGTKAALSGGTTMIIDFAIPQ KGGSLIEAFETWRSWADPKVCCDYSLHVAVTWSDQVKEEMKILVQDKGVN SFKMF MAYKDLYMVTDLLEYEAFSRCKEIGAIAQVHAENGDLIAEGAKKMLAL GITGPEGHELCP EAVEAEATLRAITIASAVNCPLYIVHVMSKSAA |
| Target | DPYS |
| Application Dilute | Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 3 mM DTT, 10% glycerol, pH 8.0. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| Application Notes | Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., ResearchArea: Other Recombinant Protein |