

## PPARD Protein, Human, Recombinant (GST)

## General Information

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|-----------------------|--|
| Synonyms:             | Peroxisome proliferator-activated receptor beta (PPAR-beta); Nuclear hormone receptor 1 (NUC1); NR1C2; PPARB; PPARD; Nuclear receptor subfamily 1 group C member 2; PPAR-delta; Peroxisome proliferator-activated receptor delta; NUC1   |
| Protein Construction: | 165-441 aa   |
| Species:              | Human  |
| Expression Host:      | E. coli  |
| Accession:            | Q03181   |
| Molecular Weight:     | 58.4 kDa (Predicted)   |
| AA Sequence:          | GSQYNPQVADLKAFSKHIYNAYLKNFNMTKKKARSILT GKASHTAPFVIHDIETLWQAEKGLVWKQLVNGLP<br>PYKEISVHVYFRCQCTTVETVRELTEFAKSIPSFSSLFLNDQVTLTKYGVHEAIFAMLASIVNKDGLLVANGSGF<br>VTREFLRSLRKPFSDIIEPKFEFAVKFNALELDDSDLALFIAAILCGDRPGLMNVPRVEAIQDTILRALEFHLQAN<br>HPDAQYLPKLLQKMADLRQLVTEHAQMMQRIKKTETETSLHPLLQEIYKDMY |

## QC Testing

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|----------------------|---|
| Biological Activity: | Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first. |
| Purity:              | > 85% as determined by SDS-PAGE.  |
| Endotoxin:           | Not tested.   |
| Formulation:         | Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4  |

## Preparation and Storage

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|----------------------|--|
| Reconstitution:      | Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.  |
| Stability & Storage: | Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 224 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.<br><small>Actual storage temperature shall be subject to the COA.</small> |
| Shipping:            | In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.   |

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