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Datasheet for ABIN5623723 GPI Protein (AA 1-558) (His tag)

Overview

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| Quantity: | 100 µg |
| Target: | GPI |
| Protein Characteristics: | AA 1-558 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This GPI protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

Product Details

Sequence: 1-558 aa: MGSSHHHHHH SSSLVPRGSH MAALTRDPQF QKLQQWYREH RSELNLRRLF
DANKDRFNHF SLTLNTNHGH ILVDYSKNLV TEDVMRMLVD LAKSRGVEAA RERMFNGEKI
NYTEGRAVLH VALRNRSNTP ILVDGKDVMP EVNKVLDKMK SFCQVRVSGD WKGYTGKTIT
DVINIGIGGS DLGPLMVTEA LKPYSSGGPR VWYVSNIDGT HIAKTLAQLN PESSLFIAS
KTFTTQETIT NAETAKEWFL QAAKDPSAVA KHVALSTNT TKVKEFGIDP QNMFEFWDWV
GGRYSLWSAI GLSIALHVGF DNFEQLLSGA HWMDQHFRTT PLEKNAPVLL ALLGIWYINC
FGCETHAMLP YDQYLHRFAA YFQQGDMESE GKYITKSGTR VDHQTGPVW GEPGTNGQHA
FYQLIHQGTK MIPCDLIPV QTQHPIRKGL HHKILLANFL AQTEALMRGK STEEARKELQ
AAGKSPEDLE RLLPHKVFEG NRPTNSIVFT KLTPFMLGAL VAMYEHKIFV QGIWDINSF
DQWGVELGKQ LAKKIEPELD GSAQVTSHDA STNGLINFIK QQREARVQ

Characteristics: Purified Recombinant GPI protein (His tagged)

Product Details

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| Purification: | Purified |
| Purity: | > 95 % pure |
| Biological Activity Comment: | Specific activity is > 400 units/mg obtained by measuring the increase of NADPH in absorbance at 340 nm resulting from the reduction of NADP. One unit will convert 1.0 umole of D-Fructose 6-phosphate to D-glucose 6-phosphate per minute at pH 7.4 at 37C. |

Target Details

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| Target: | GPI |
| Alternative Name: | GPI (GPI Products) |
| Target Type: | Viral Protein |

Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Buffer: | Supplied in liquid form in 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10 % glycerol. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | Store at 4 deg C short term (1-2 weeks). For long term storage, aliquot and store at -20 or -70 deg C. Avoid repeated freezing and thawing cycles. |