

RPPB1733

Product Information Protein Information

Product SKU:

RPPB1733

Accession:

P06744

Host:

Escherichia Coli.

Protein description:

GPI Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 578 amino acids (1-558 a.a.) and having a molecular mass of 65.3kDa. The GPI is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Glucose-6-phosphate isomerase, Phosphoglucose isomerase, Phosphohexose isomerase, Autocrine motility factor, Neuroleukin, Sperm antigen 36, GPI, PGI, PHI, AMF, NLK, SA-36, GNPI.

Formulation:

The GPI solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 1mM DTT and 10% glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MAALTRDPQF QKLQQWYREH RSELNLRRLF DANKDRFNHF SLTLNTNHGH
ILVDYSKNLV TEDVMRMLVD LAKSRGVEAA RERMFNGEKI NYTEGRAVLH VALRNRSNTP ILVDGKDVMP
EVNKVLDKMK SFCQRVRS GD WKG YTGKTIT DVINIGIGGS DLGPLMVTEA LKPYSSGGPR VWYVSNIDGT
HIAKTLAQLN PESSLFIAS KTFTTQETIT NAETAKEWFL QAAKDPSAVA KHVALSTNT TKVKEFGIDP
QNMFEFWDWV GG RYSLWSAI GLSIALHVGF DNFEQLLSGA HWMDQHFRTT PLEKNAPVLL ALLGIWYINC
FGCETHMLP YDQYLHRFAA YFQQGD MESN GKYITKSGTR VDHQTGPVW GEPGTNGQHA FYQLHQGTK
MIPCDFLIPV QTQHPIRKGL HHKILLANFL AQTEALMRGK STEEARKELO AAGKSPEDLE RLLPHKVFEG
NRPTNSIVFT KLTPFMLGAL VAMYEHKIFV QGIIWDINSF DQWGVELGKQ LAKKIEPELD GSAQVTSHTA
STNGLINFIK QQREARVQ.