

Human SERPINH1 Recombinant Protein



RPPB5238

Product Information Protein Information

Product SKU:

RPPB5238

Accession:

P50454

Host:

Escherichia Coli.

Protein description:

Recombinant Human HSP47 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 422 amino acids (18-418 a.a) and having a molecular mass of 46.8kDa. HSP47 human recombinant is fused to a 20 amino acid His Tag at N-terminus and purified by conventional chromatography techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

HSP47, HSP-47, Colligin-1, CBP1, Collagen Binding Protein-1, Serpin Peptidase Inhibitor Clade-H member 1, Serpin H1, Collagen-binding protein, Colligin, 47 kDa heat shock protein, Rheumatoid arthritis-related antigen RA-A47, Arsenic-transactivated protein 3, AsTP3, Cell proliferation-inducing gene 14 protein, SERPINH1, CBP2, gp46, PIG14, PPROM, RA-A47, SERPINH2.

Formulation:

The SERPINH1 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.

Purity:

Greater than 90.0% 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 MAAEVKKPAA AAAPGTAEKL SPKAATLAER SAGLAFSLYQ AMAKDQAVEN
ILVSPVVVAS SLGLVSLGGK ATTASQAKAV LSAEQLRDEE VHAGLGELLR SLSNSTARNV TWKLSRLYG
PSSVSFADDF VRSSKQHYN C EHSKINFRDK RSALQSIN EW AAQTTD GKLP EVTKDVERTD GALLVNAMFF
KPHWDEKFHH KMVDN RGF MV TRSYTVGVMM MHRTGLYNY DDEKEKLQIV EMPLAHLKSS LILMPHHVE
PLERLEKLLT KEQLKIWMGK MQKKAV AISL PKGVVEVTHD LQKHLA GLG L TEAIDKNKAD LSRMSGKKDL
YLASVFHATA FELDTDGNPF DQDIYGREEL RSPKLFYADH PFIFLVRDTQ SGSLFIGRL VRPKGDKMRD EL.