

Human GAP43 Recombinant Protein



RPPB3579

Product Information Protein Information

Product SKU:

RPPB3579

Accession:

P17677

Host:

E.coli.

Protein description:

GAP43 Human Recombinant produced in E. coli is a single polypeptide chain containing 262 amino acids (1-238) and having a molecular mass of 27.3kDa (Molecular size on SDS-PAGE will appear higher).GAP43 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Growth associated protein 43, Axonal membrane protein GAP-43, Neural phosphoprotein B-50, calmodulin-binding protein P-57, nerve growth-related peptide GAP43, neuromodulin, protein F1, pp46, B-50.

Formulation:

The GAP43 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl and 10% glycerol.

Purity:

Greater than 90% 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:

MGSSHHHHH SGLVPRGSH MGSFMLCCMR RTKQVEKNDD DQKIEQDGIK PEDKAHKAAT KIQASFRGHI
TRKKLKGEKK DDVQAAEAEA NKKDEAPVAD GVEKKGEGTT TAEAAPATGS KPDEPGKAGE TPSEKKGEG
DAATEQAAPQ APASSEEKAG SAETESATKA STDNSPSSKA EDAPAKEEPK QADVPAAVTA AAATTPAED
AAAKATAQPP TETGESSQAE ENIEAVDETK PKESARQDEG KEEPEADQE HA