

Growth Arrest-Specific 7 Isoform b Human Recombinant

Item Number	rAP-4423
Synonyms	GAS7, GAS-7, Growth arrest-specific protein 7, KIAA0394, MGC1348, MLL/GAS7.
Description	GAS7 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 436 amino acids (1-416a.a.) and having a molecular mass of 49.8 kDa. GAS7 is fused to 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	O60861
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MKPGMVPPPP GEESQTVILP PGWQSYLSPQ GRRYYVNTTT NETTWERPSS SPGIPASPGS HRSSLPPTVN GYHASGTPAH PPETAHMSVR KSTGDSQNLG SSSPSKKQSK ENTITINCVT FPHPDTMPEQ QLLKPTEWSY CDYFWADKKD PQGNGTVAGF ELLLKQLKG KQMCKEMSEF IRERIKIEED YAKNLAKLSQ NSLASQEEGS LGEAWAQVKK SLADE- AEVHL KFSAKLHSEV EKPLMNFREN FKKDMKKCDH HIADLRKQLA SRYASVEKAR KALTERQRDL EMKTQQLEIK LSNKTEEDIK KARRKSTQAG DDLMRCVDLY NQAQSKWFEE MVTTTLELER
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	The GAS7 protein solution contains 20mM Tris-HCl, pH-8, 100mM NaCl, 2mM DTT and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**