

C6ORF108 Human

Description: C6ORF108 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 194 amino acids (1-174 a.a.) and having a molecular mass of 21.2kDa. C6ORF108 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-256

For research use only.

Synonyms: c-Myc-responsive protein Rcl, RCL, putative c-Myc-responsive.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MAAAMVPGRS ESWERGEPGR
PALYFCGSIR GGREDRTLYE RIVSRLRRFG TVLTEHVAAA ELGARGEEAAGDRLIHEQD
LEWLQQADV VAEVTQPSLG VGYELGRAVA FNKRILCLFR PQSGRVLSAM IRGAADGSRF
QVWDYEEGEV EALLDRYFEA DPPGQVAASP DPTT.

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:

The C6ORF108 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH-8), 1mM DTT, and 10% glycerol.

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.

Usage:

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

C6ORF108 is stimulated by c-Myc protein that is a transcription factor that is involved in the regulation of cell proliferation, differentiation, and apoptosis. C6ORF108 functions in rat in cellular proliferation and c-Myc-mediated transformation. C6ORF108 catalyzes the cleavage of the N-glycosidic bond of deoxyribonucleoside 5'-monophosphates to yield deoxyribose 5-phosphate and a purine or pyrimidine base. Deoxyribonucleoside 5'-monophosphates comprising purine bases are favored to those comprising of pyrimidine bases.

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