

Recombinant human LY6G6F protein

Catalog Number: ATGP2256

PRODUCT INFORMATION

Expression system

E.coli

Domain

17-235aa

UniProt No.

Q5SQ64

NCBI Accession No.

NP_001003693

Alternative Names

Lymphocyte antigen 6 complex locus protein G6F, C6orf21, G6f, LY6G6D, NG32, Lymphocyte antigen 6 family member G6F, LY6G6F

PRODUCT SPECIFICATION

Molecular Weight

26.2 kDa (242aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

The human LY6G6F protein is a type I transmembrane protein belonging to the immunoglobulin (Ig) superfamily, which is comprised of cell-surface proteins involved in the immune system and cellular recognition. This protein may play a role in the downstream signal transduction pathways involving GRB2 and GRB7. Recombinant human LY6G6F protein, fused to His-tag at N-terminus, was expressed in E. coli.

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Amino acid Sequence

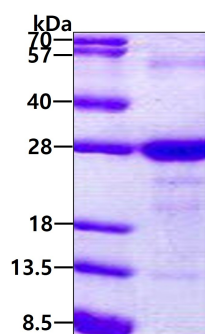
<MGSSHHHHHH SSGLVPRGSH MGS>ADNMQAI YVALGEAVEL PCPSPTLHG DEHLSWFCSP AAGSFTTLVA
QVQVGRPAD PGKPGRESRL RLLGNYSWL EGSKEEDAGR YWCAVLGQHH NYQNWRVYDV LVLKGSQLSA
RAADGSPCNV LLCSVVPSRR MDSVTWQEGK GPVRGRVQSF WGSEAALLLV CPGEGLSEPR SRRPRIIRCL MTHNKGVSFS
LAASIDASPA LCAPSTGWDM PW

General References

De Vet E.C.J.M., et al. (2003). Biochem. J. 375:207-213

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.