Recombinant human GID8 protein

Catalog Number: ATGP3073

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-228aa

UniProt No.
Q9NWU2

NCBI Accession No.
NP_060366

Alternative Names
Glucose-induced degradation protein 8 homolog, C20orf11,TWA1

PRODUCT SPECIFICATION

Molecular Weight
29.1 kDa (251aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol, 1mM DTT

Purity
> 95% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

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
GID8 also known as glucose-induced degradation protein 8 homolog was identified through a two hybrid-associated protein screen with RanBPM. It interacts with RanBP9 and comprises a protein complex with RanBPM and Muskelin. Recombinant human GID8, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence
<MGSSHHHHHH SSGLVPRGSH MGS>MSYAEKP DEITKDEWME KLNNLHVQRA DMNRLIMNYL VTEGFKEAAE

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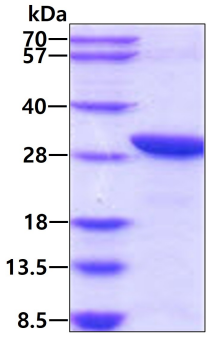
KFRMESGIEP SVDLETLDER IKIREMILKG QIQEAIALIN SLHPELLDTN RYLYFHLQQQ HLIELIRQRE TEAALEFAQT QLAEQGEESR ECLTEMERTL ALLAFDSPEE SPFGDLLHTM QRQKVWSEVN QAVLDYENRE STPKLAKLLK LLLWAQNELD QKKVKYPKMT DLSKGVIEEP K

General References

Umeda M., et al. (2003) Gene 303:47-54.

DATA

SDS-PAGE



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