



Recombinant Zebrafish COPS2 Protein Product Manual

1. Product Basic Information

Product No.: REP06524

Protein Name: Alien Homolog (COPS2)

Aliases: CSN2; SGN2; ALIEN; TRIP15; TRIP-15; alien homolog; signalosome subunit TR-interacting protein 15

UniProt ID: P61201

UniProt Link: <https://www.uniprot.org/uniprotkb/P61201/entry>

Species Source: Danio rerio (Zebrafish) (Brachydanio rerio)

Expression System: E.coli

Protein Length: Full Length (1-443aa)

Molecular Weight: 57.1kDa

Protein Tag: N-terminal 10xHis-tagged

2. Amino Acid Sequence (1-443aa)

MSDMEDDFMCDDEEDYDLEYSNEDSNSEPNVDLENQYYNSKALKEDDPKAALSSFQ
KVLELEGEKGEWGFKALKQMIKINFKLTNFPMMNRYKQLLTYIRSAVTRNYSEKSI
NSILDYISTSKQMDLLQEFYETTLEALKDAKNDRLWFKTNTKLGLYLEREEFGKLQ
KILRQLHQSCQTDDGEDDLKKGTLLEIYALEIQMYTAQKNNKKLKALYEQSLHIKSA
IPHPLIMGVIRECGGKMHLREGEFEKAHTDFFEAFKNYDESGSPRRTTCLKYLVLAN
MLMKSGINPFDSQEAKPYKNDPEILAMTNLVSAYQNNDITEFEKILKTNHSNIMDDPF
IREHIEELLRNIRTQVLIKLIKPYTRIHIPFISKELNIDVADVESLLVQCILDNTINGRIDQV
NQLLELDHQKRGGARYTALDKWTNQLNSLNQAIVSKLA

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions



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Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Zebrafish COPS2 full length protein (1-443aa) expressed in E.coli. The protein is with 10xHis tag at the N-terminus, which facilitates protein purification, detection and identification. COPS2, also known as CSN2 or SGN2 or ALIEN, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.