

Product datasheet

Recombinant Human CSN8 protein (denatured) ab113601

[1 Image](#)

Description

Product name	Recombinant Human CSN8 protein (denatured)
Purity	> 90 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>Q99627</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHSSGLVPRGSHMPVAVMAESAFSFKLL DQCENQELEAPGG IATPPVYGQLLALYLLHNDMNNARYLWKRIIPPAIKSANSEL GGIWSVGQR IWQRDFPGIYTTINAHQWSETVQPIMEALRDATRRRAFALV SQAYTSIIA DDFAAFVGLPVEEAVKGILEQGQWQADSTTRMVLPRKPVA GALDVSNKFIPLSEPAPVPPIPNEQQLARLTDYVAFLEN
Predicted molecular weight	25 kDa including tags
Amino acids	1 to 209
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab113601** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid
Additional notes	This product was previously labelled as COPS8

Preparation and Storage

Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 2.4% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

Function

Component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating the deneddylation of the cullin subunits of SCF-type E3 ligase complexes, leading to decrease the Ubl ligase activity of SCF-type complexes such as SCF, CSA or DDB2. The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, IκappaBα/NFKBIA, ITPK1 and IRF8/ICSBP, possibly via its association with CK2 and PKD kinases. CSN-dependent phosphorylation of TP53 and JUN promotes and protects degradation by the Ubl system, respectively.

Sequence similarities

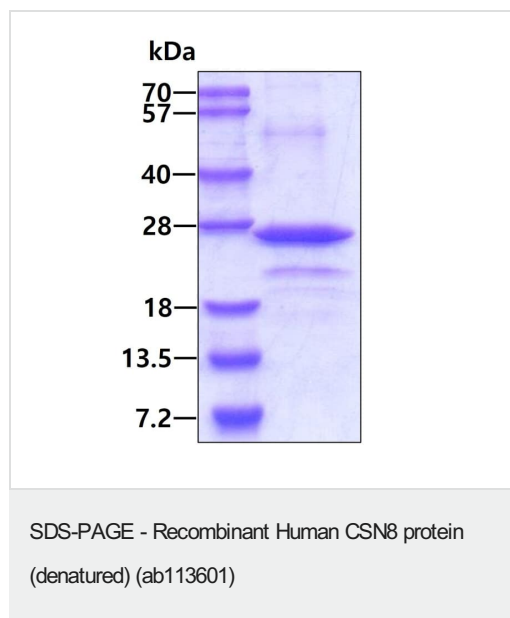
Belongs to the CSN8 family.

Contains 1 PCI domain.

Cellular localization

Cytoplasm. Nucleus.

Images



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

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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