
Product Data Sheet

Product Name: CCDC23 Human
 Cat. No.: GP22981
 Batch No.: 1

Product Data

| | | | |
|---------------------|--|--------------------|-------------------------|
| Purity | >98% | Source | E.coli. |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| Synonyms | Coiled-Coil Domain Containing 23; CCDC23. | | |
| Amino Acid Sequence | MGSSHHHHHH SGLVPRGSH MGSEFMDPPA RKEKTKVKES VSRVEKAKQK SAQQELKQRQ RAEIYALNRV MTELEQQQFD EFCKQMPPG E. | | |
| Formulation | CCDC23 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 20% glycerol and 1mM DTT. | | |

Introduction

Coiled-Coil Domain Containing 23, also known as CCDC23 is a 66 amino acid protein which is encoded by a gene mapping to human chromosome 1. Chromosome 1 is the biggest human chromosome spanning approximately 260 million base pairs and making up 8% of the human genome. In addition, there are about 3,000 genes on chromosome 1, and taking into account the huge number of genes there are also a big number of diseases connected with chromosome 1. One of the diseases that have been associated with CCDC23 is endotheliitis.

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.

Background

CCDC23 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 91 amino acids (1-66 a.a) and having a molecular mass of 10.5kDa. CCDC23 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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