

## Product datasheet for **AR51856PU-N**

### CHST10 (28-356, His-tag) Human Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | CHST10 (28-356, His-tag) human recombinant protein, 0.25 mg   |
| Species:                              | Human   |
| Expression Host:                      | E. coli   |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MTFKDPDVYS AKQEFLFLT MPEVRKLPEE KHIPPEELKPT GKELPDSQLV QPLVYMERLE LIRNVCRRDDA LKNLSHTPVVS KFLDRIFVC DKHKILFCQT PKVGNTQWKK VLIVLNGAFS SIEEIPENVV HDHEKNGLPR LSSFSDAEIQ KRLKTYFKFF IVRDPFERLI SAFKDKFVHN PRFEPWYRHE IAPGIIRKYR RNRTETRGIQ FEDFVRYLGD PNHRWLDLQF GDHIIHWVTY VELCAPCEIM YSVIGHHETL EDDAPYILKE AGIDHLSVYP TIPPGITVYN RTKVEHYFLG ISKRDIRRLY ARFEGDFKLF GYQKPDFLLN |
| Tag:                                  | His-tag   |
| Predicted MW:                         | 41.2 kDa  |
| Concentration:                        | lot specific  |
| Purity:                               | >85% by SDS - PAGE  |
| Buffer:                               | Presentation State: Purified<br>State: Liquid purified protein<br>Buffer System: Liquid, In 20 mM Tris-HCl (pH 8.0) containing 10% glycerol   |
| Preparation:                          | Liquid purified protein   |
| Protein Description:                  | Recombinant human CHST10 fused to His-tag at N-terminus, was expressed in E.coli.   |
| Storage:                              | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.<br>Avoid repeated freezing and thawing.  |
| Stability:                            | Shelf life: one year from despatch.   |
| RefSeq:                               | <a href="#">NP_004845</a>   |
| Locus ID:                             | 9486  |
| UniProt ID:                           | <a href="#">O43529</a>  |
| Cytogenetics:                         | 2q11.2  |
| Synonyms:                             | HNK-1ST; HNK1ST   |

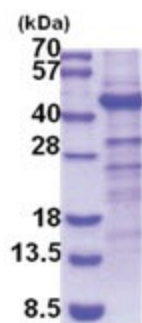


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**Summary:** This protein encoded by this gene transfers sulfate to the C-3 hydroxyl of terminal glucuronic acid of protein- and lipid-linked oligosaccharides. This protein was first identified as a sulfotransferase that acts on the human natural killer-1 (HNK-1) glycan; HNK-1 is a carbohydrate involved in neurodevelopment and synaptic plasticity.[provided by RefSeq, Feb 2011]

**Protein Families:** Transmembrane

**Product images:**



15% SDS-PAGE (3ug)