

Product datasheet for TP720456L

AGR3 (NM_176813) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins Description: Recombinant protein of human anterior gradient homolog 3 (Xenopus laevis) (AGR3) Species: Human **HEK293 Expression Host: Expression cDNA Clone** lle22-Leu166 or AA Sequence: C-His Tag: Predicted MW: 18.1 kDa **Concentration:** lot specific **Purity:** >95% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, 2mM EDTA, pH 8.5. Endotoxin: < 0.1 EU per µg protein as determined by LAL test **Reconstitution Method:** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Storage: Lyophilized protein should be stored at $< -20^{\circ}$ C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliguots of reconstituted samples are stable at < -20°C for 3 months. Stability: Stable for at least 6 months from date of receipt under proper storage and handling conditions. NP 789783 **RefSeq:** 155465 Locus ID: **UniProt ID:** Q8TD06 Cytogenetics: 7p21.1 Synonyms: AG-3; AG3; BCMP11; hAG-3; HAG3; PDIA18



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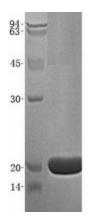
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GRIGENE AGR3 (NM_176813) Human Recombinant Protein – TP720456L

Summary:This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic
reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions.
The encoded protein has an N-terminal ER-signal sequence, a catalytically active thioredoxin
domain, and a C-terminal ER-retention sequence. This gene is expressed in ciliated airway
epithelial cells and, in mouse, plays a role in ciliary beat frequency in multiciliated cells. This
gene is also over-expressed in breast, ovarian, and prostrate cancers. [provided by RefSeq,
Dec 2016]

Protein Families: Secreted Protein

Product images:



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