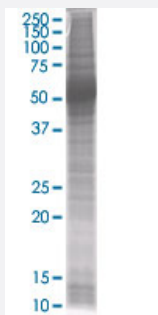


S100A8 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006279-T01

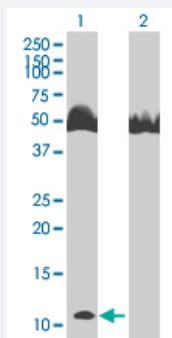
Size 100 uL

Applications



SDS-PAGE Gel

S100A8 transfected lysate



Western Blot

Lane 1: S100A8 transfected lysate (10.34 KDa).

Lane 2: Non-transfected lysate.

Specification

| | |
|-------------------------|---|
| Transfected Cell Line | 293T |
| Plasmid | pCMV-S100A8 full-length |
| Host | Human |
| Theoretical MW (kDa) | 10.34 |
| Quality Control Testing | <p>Transient overexpression cell lysate was tested with Anti-S100A8 antibody (H00006279-B01) by Western Blots.</p> <p>SDS-PAGE Gel</p> <p>S100A8 transfected lysate</p> <p>Western Blot</p> <p>Lane 1: S100A8 transfected lysate (10.34 KDa).</p> <p>Lane 2: Non-transfected lysate.</p> |

| | |
|----------------------------|---|
| Storage Buffer | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue) |
| Storage Instruction | Store at -80°C. Aliquot to avoid repeated freezing and thawing. |

Applications

- Western Blot

Gene Info — S100A8

| | |
|----------------------------|---|
| Entrez GeneID | 6279 |
| GeneBank Accession# | BC005928 |
| Protein Accession# | AAH05928 |
| Gene Name | S100A8 |
| Gene Alias | 60B8AG, CAGA, CFAG, CGLA, CP-10, L1Ag, MA387, MIF, MRP8, NIF, P8 |
| Gene Description | S100 calcium binding protein A8 |
| Omim ID | 123885 |
| Gene Ontology | Hyperlink |
| Gene Summary | The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in the inhibition of casein kinase and as a cytokine. Altered expression of this protein is associated with the disease cystic fibrosis. [provided by RefSeq] |
| Other Designations | OTTHUMP00000015329 OTTHUMP00000015330 S100 calcium-binding protein A8 S100 calcium-binding protein A8 (calgranulin A) calgranulin A cystic fibrosis antigen |

Disease

- [Aggressive Periodontitis](#)
- [Dermatitis](#)

- [Genetic Predisposition to Disease](#)
- [Kidney Calculi](#)
- [Periodontitis](#)