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## Datasheet for ABIN2566333 NR1I3 Protein (His tag)

### Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 0.1 mg                                       |
| Target:                       | NR1I3  |
| Origin:                       | Human  |
| Source:                       | HEK-293 Cells                                |
| Protein Type:                 | Recombinant                                  |
| Biological Activity:          | Active                                       |
| Purification tag / Conjugate: | This NR1I3 protein is labelled with His tag. |
| Application:                  | Western Blotting (WB)                        |

### Product Details

|                  |   |
|------------------|---|
| Characteristics: | Measured by the ability of the immobilized protein to support the adhesion of mouse neutrophils. When 50000 cells/well are added to CXADR coated plates (4 µg/mL and 100µL/well ), approximately 20 % - 50 % will adhere specifically after 60 minutes at 37°C. |
| Purity:          | >95 % as determined by SDS-PAGE.  |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | NR1I3  |
| Alternative Name: | CAR ( <a href="#">NR1I3 Products</a> )   |
| Background:       | Coxsackie virus and adenovirus receptor (CXADR) is also known as CAR, is a type I transmembrane glycoprotein for group B coxsackie viruses and subgroup C adenoviruses, and belongs to the CTX family of the Ig superfamily. CAR is strongly expressed in the developing |

## Target Details

central nervous system. It functions as a homophilic and also as a heterophilic cell adhesion molecule through its interactions with extracellular matrix glycoproteins such as: fibronectin, agrin, laminin-1 and tenascin-R. Human CXADR protein contains a signal sequence, a extracellular domain (ECD) with a V- type (D1) and a C2- type (D2) Ig-like domain, a transmembrane segment and a intracellular domain. D1 is thought to be responsible for homodimer formation in trans within tight junctions, and is necessary and sufficient for adenovirus binding. Variants of CXADR are attached to the cell membrane by a GPI- anchor.

Molecular Weight: 24.9 kDa

Gene ID: 1525

NCBI Accession: [NP\\_001329](#)

UniProt: [P78310](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#)

## Application Details

Application Notes: This recombinant protein can be used for WB. For research use only.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -80 °C, -20 °C

Storage Comment: Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C. Avoid repeated freeze-thaw cycles.