

HDFP627

Product Information

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|---------------------|---------|-------------------------|------------|--------------|------|
| Product SKU: | HDFP627 | Expression Host: | HEK293 | Size: | 10µg |
| Target: | BEST4 | Tag: | C-Flag Tag | | |

Additional Information

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|--------------------------|---|--------------------|--------|
| Conjugate: | Unconjugated | Uniprot ID: | Q8NFU0 |
| Molecular Weight: | The human full length BEST4 protein has a MW of 53.5kDa | | |

Protein Information

Background: This gene is a member of the bestrophin gene family of anion channels. Bestrophin genes share a similar gene structure with highly conserved exon-intron boundaries, but with distinct 3' ends. Bestrophins are transmembrane proteins that contain a homologous region rich in aromatic residues, including an invariant arg-phe-pro motif. Mutation in one of the family members (bestrophin 1) is associated with vitelliform macular dystrophy. The bestrophin 4 gene is predominantly expressed in the colon. [provided by RefSeq, Jul 2008]

Synonyms: VMD2L2

Protein Description: Human BEST4 full length protein-synthetic nanodisc

Formulation: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.

Protein Pathways: -

Protein Families: Ion Channels: Other.

Usage: Research use only

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.