



Recombinant Human BSG Protein Product Manual

1. Product Basic Information

Product No.: REP06273

Protein Name: Ok Blood Group Antigen (BSG)

Aliases: OK; 5F7; TCSF; CD147; EMPRIN; HAb18G; EMMPRIN; basigin; OK blood group antigen; basigin (Ok blood group); hepatoma-associated antigen; collagenase stimulatory factor; leukocyte activation antigen M6; ...

UniProt ID: P35613

UniProt Link: <https://www.uniprot.org/uniprotkb/P35613/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (138-321aa)

Molecular Weight: 24.2kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (138-321aa)

EPGTVFTTVEDLGSKILLTCSLNDSATEVTGHRWLKGGVVLKEDALPGQKTEFKVD
SDDQWGEYSCVFLPEPMGTANIQLHGPPRVKAVKSSEHINEGETAMLVCKSESVP
PVTDWAWYKITDSEDKALMNGSESRRFFVSSSQGRSELHIENLNMEADPGQYRCNG
TSSKGSDQAIIILRVRS

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the

5. Product Description

This product is a recombinant Human BSG partial protein (138-321aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. BSG, also known as OK or 5F7 or TCSF, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.